

## TABLE: SIMULTANEOUS STIMULATION AND CONCENTRATION OF CELLS

Inventor(s): Ronald J. Wilson et al.

Serial No. EL897873059US

Docket No. 980034.417C1

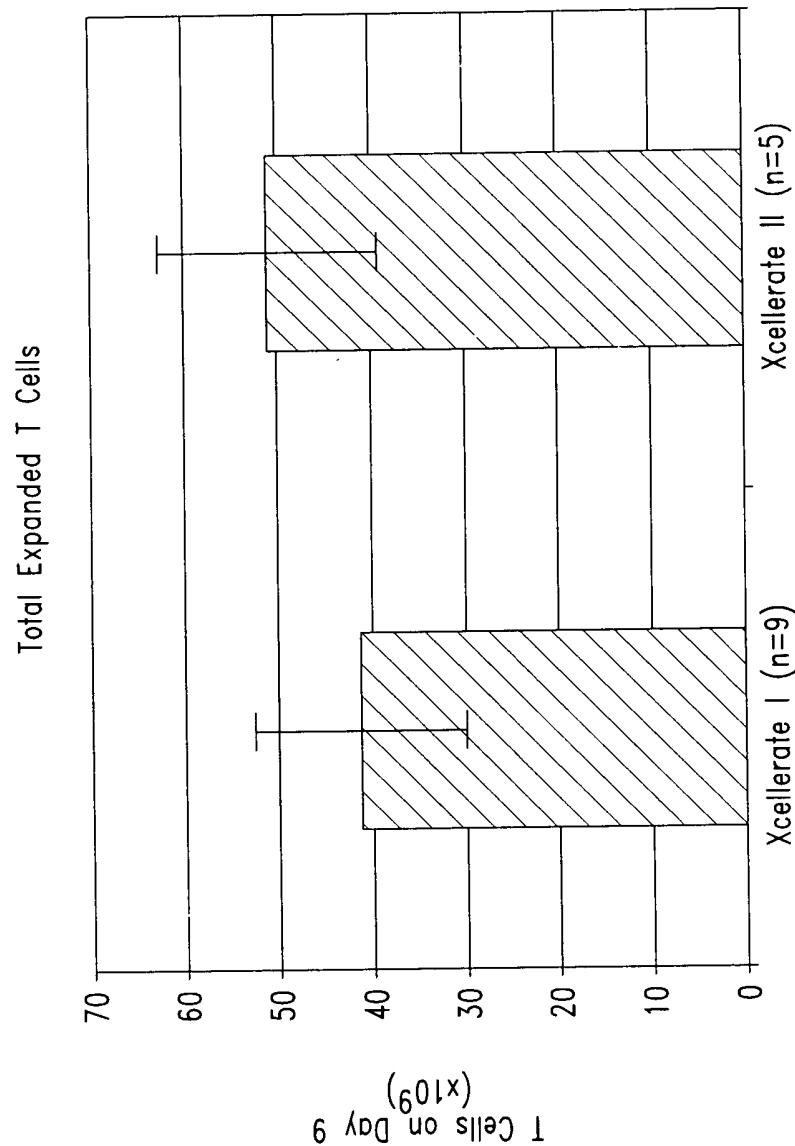


Fig. 1

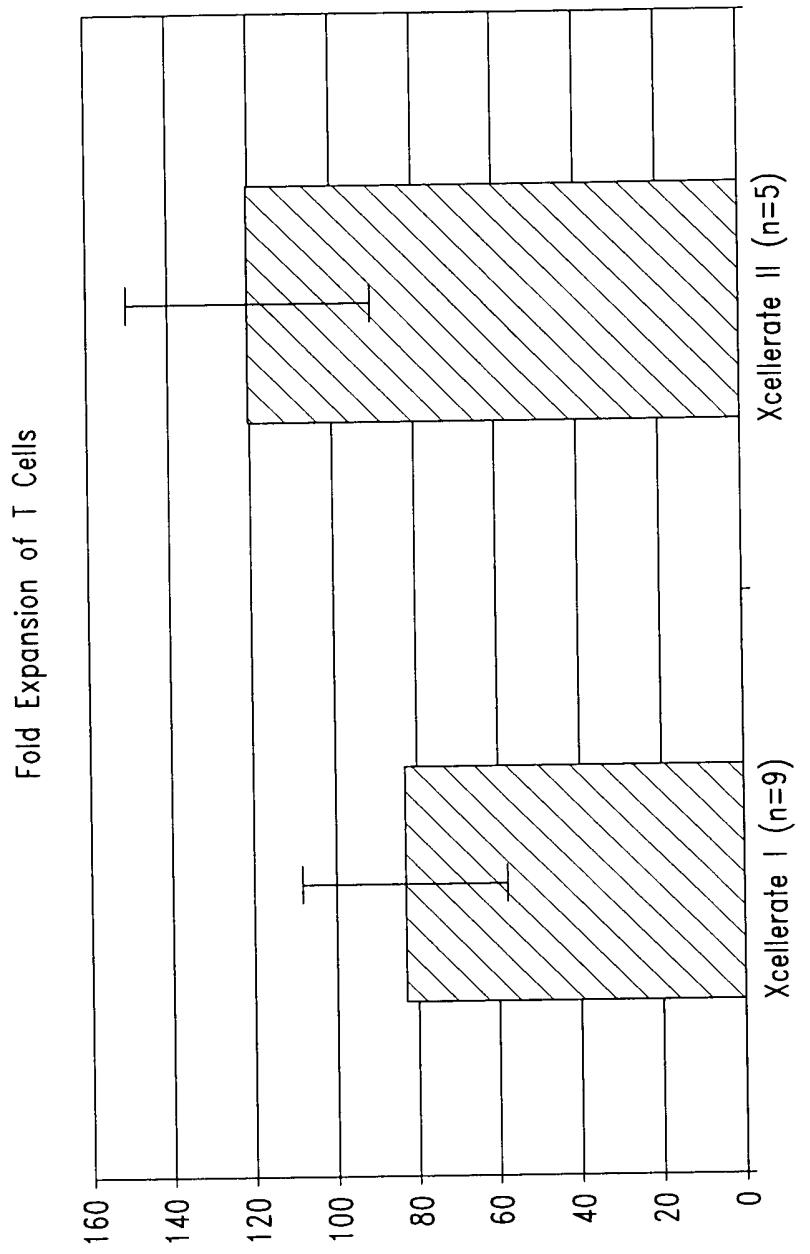


Fig. 2

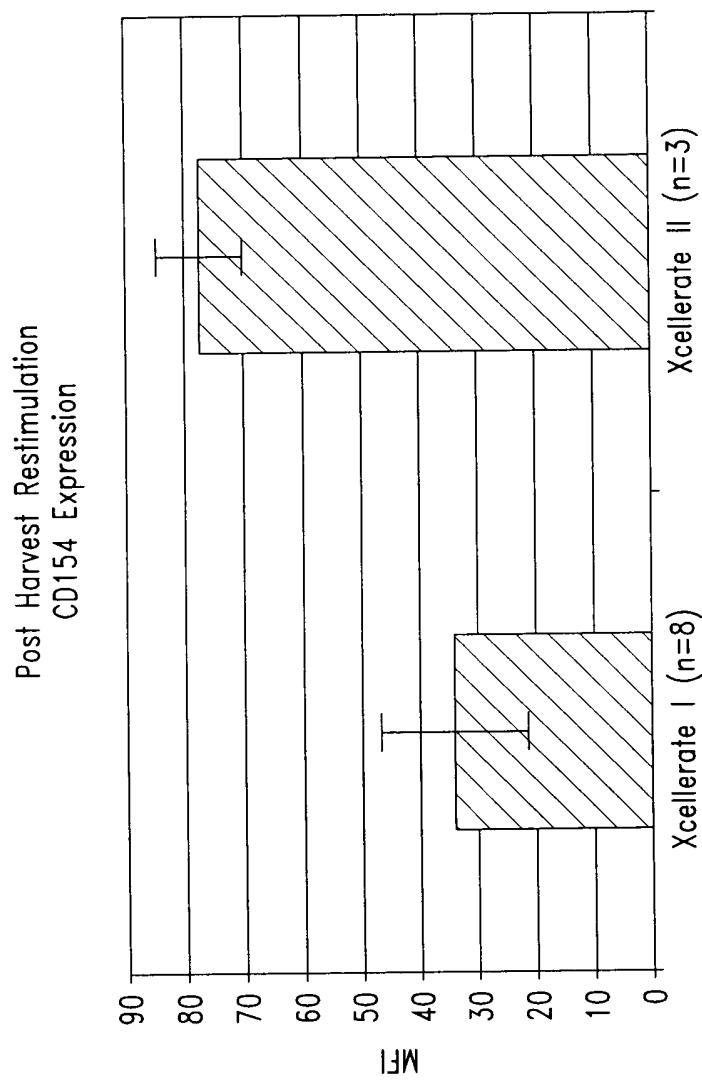


Fig. 3

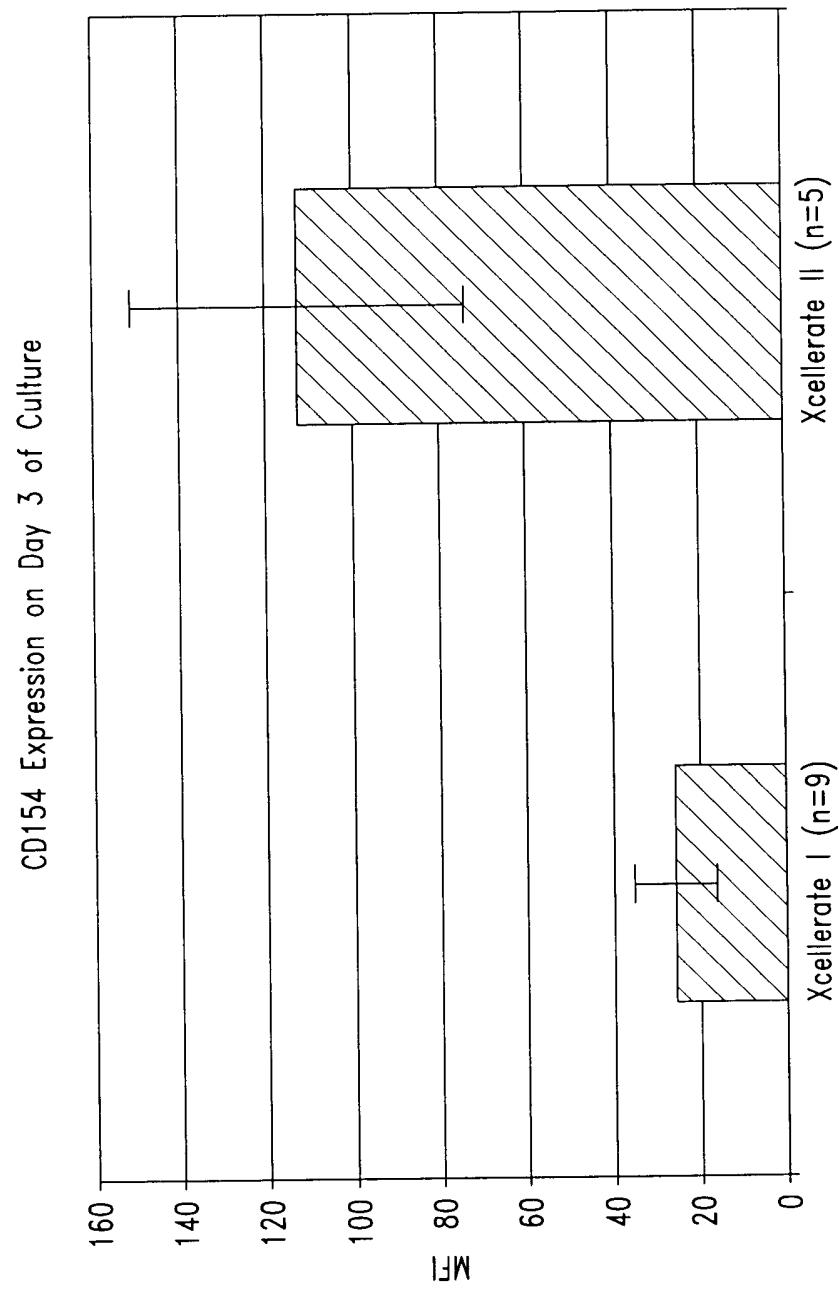
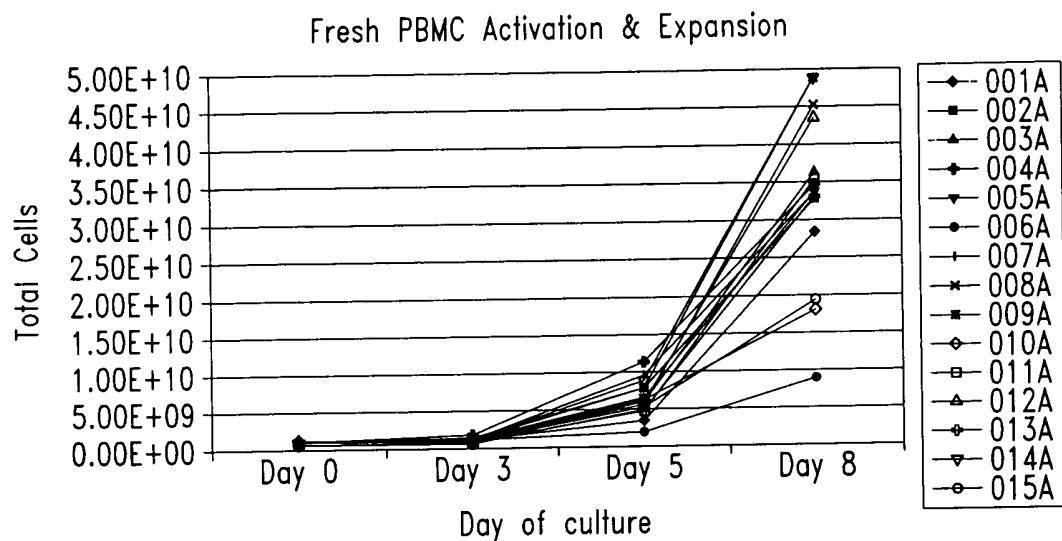
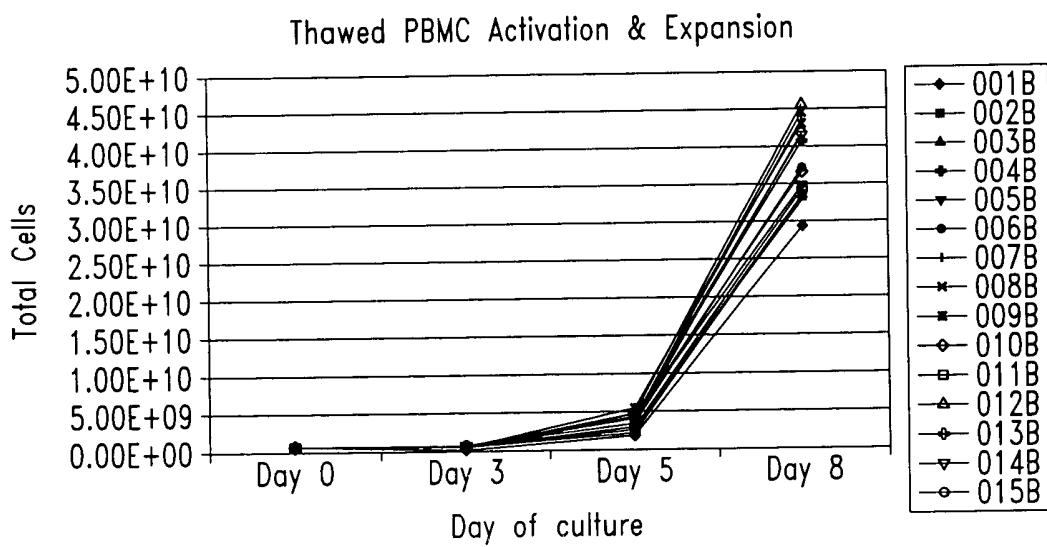


Fig. 4

*Fig. 5A**Fig. 5B*

CD25 Expression CD4+ T cells (MFI Units)

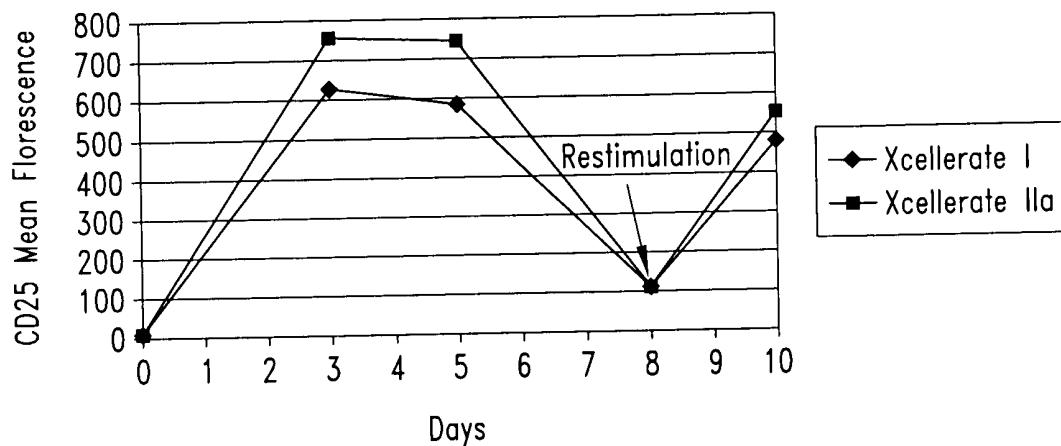


Fig. 6A

CD25 Expression CD8+ T cells (MFI Units)

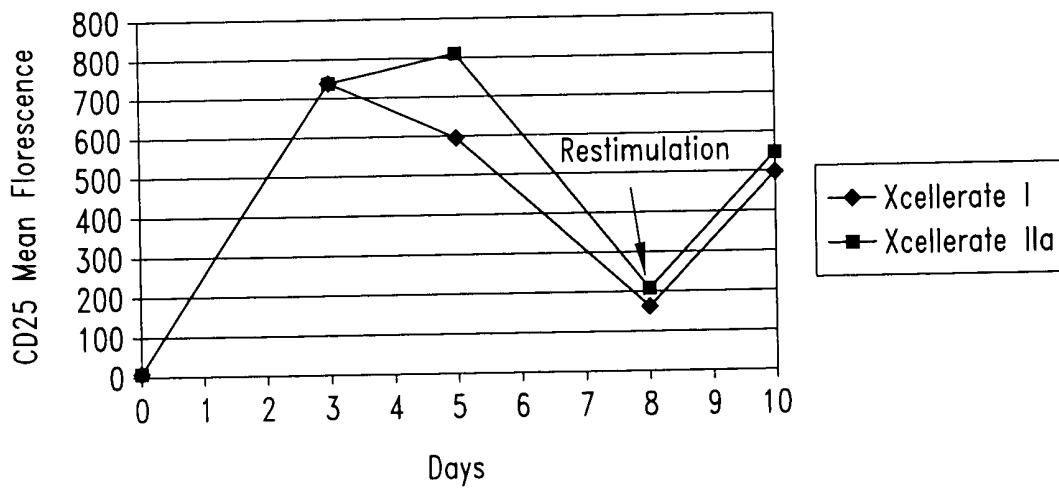


Fig. 6B

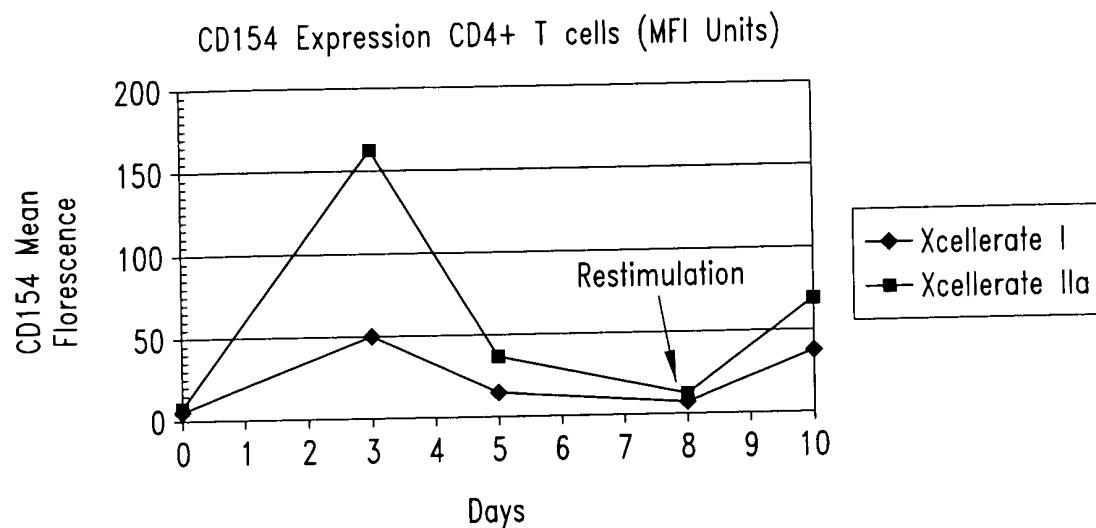


Fig. 7A

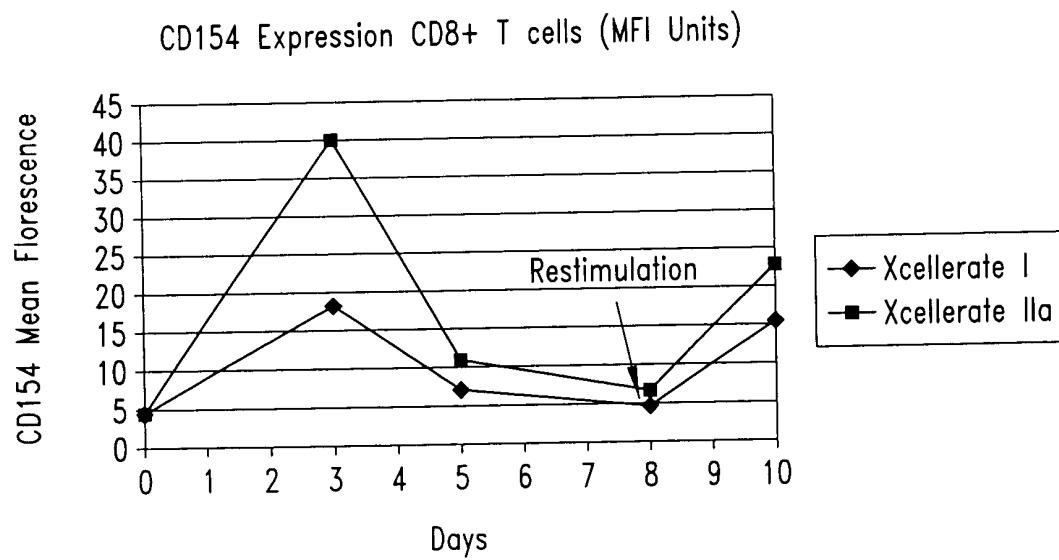


Fig. 7B

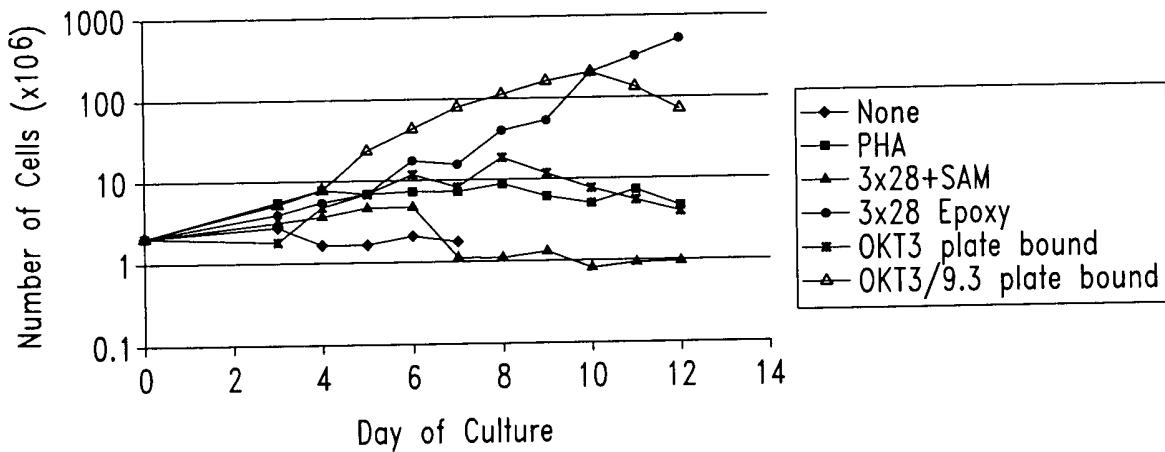
Cell Growth Over Time -- Cultures without IL2  
NA-023 PC014

Fig. 8A

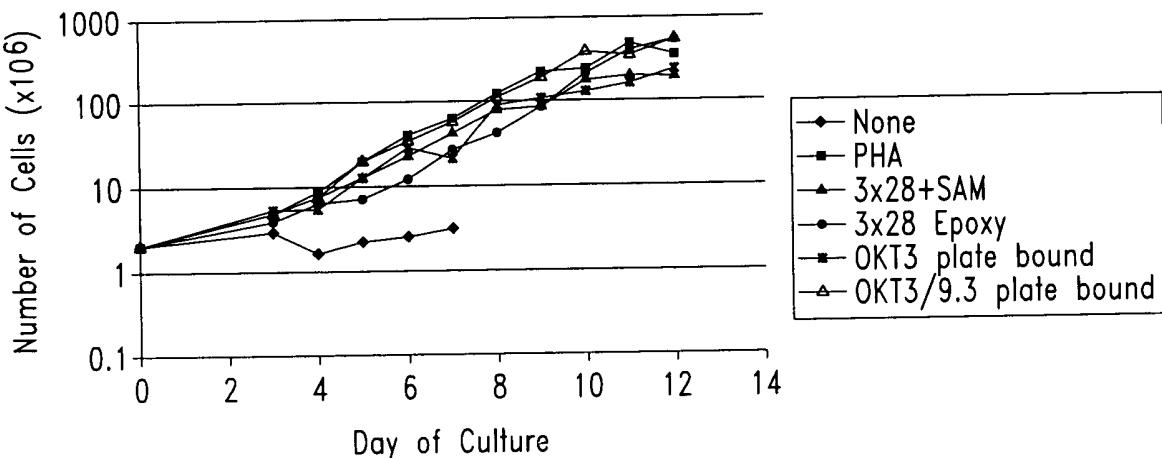
Cell Growth Over Time -- Cultures with IL2  
NA-023 PC014

Fig. 8B

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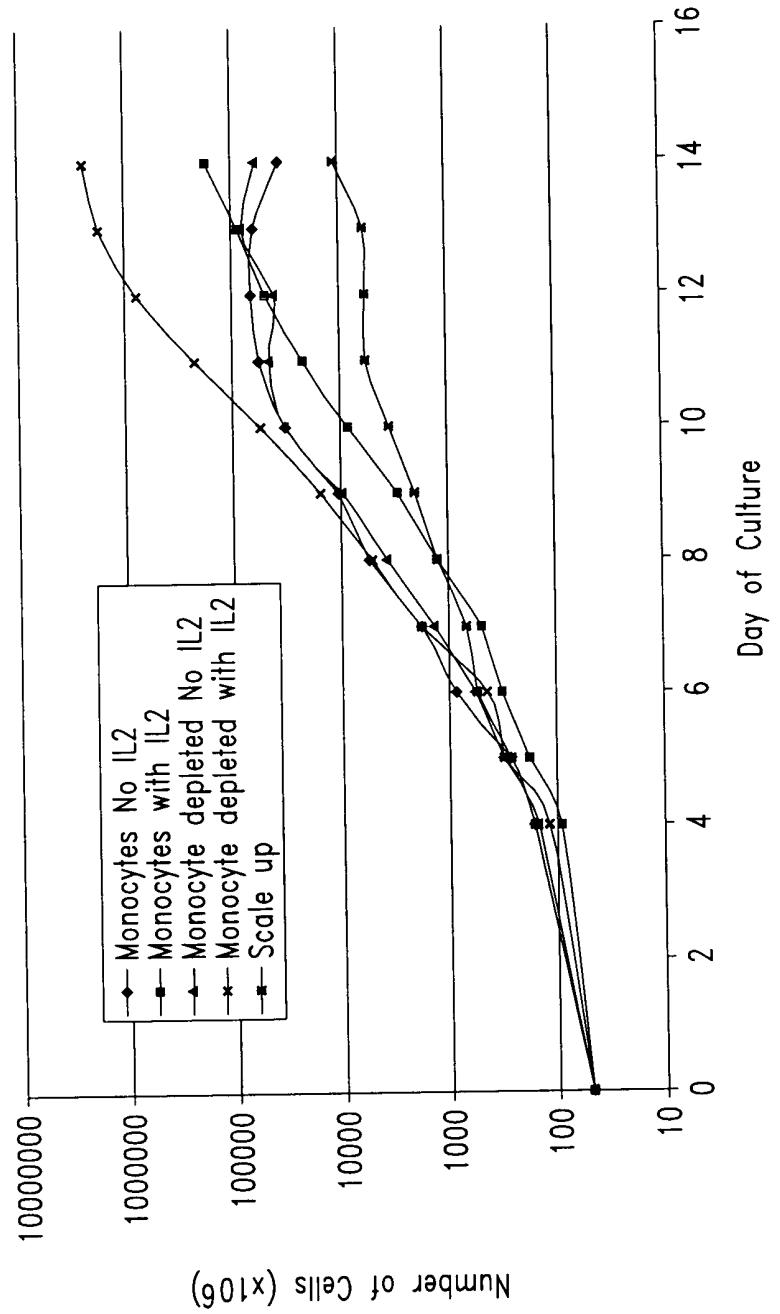


Fig. 9

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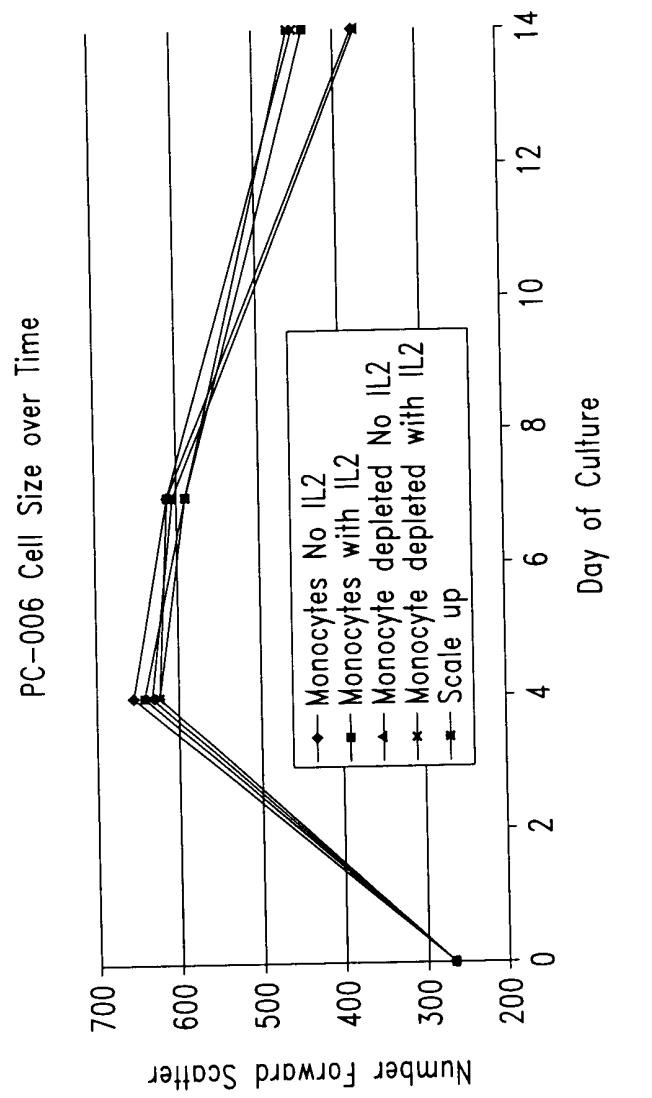


Fig. 10

## PC006 -- CD25 Expression Over Time

CD4+ gated cells

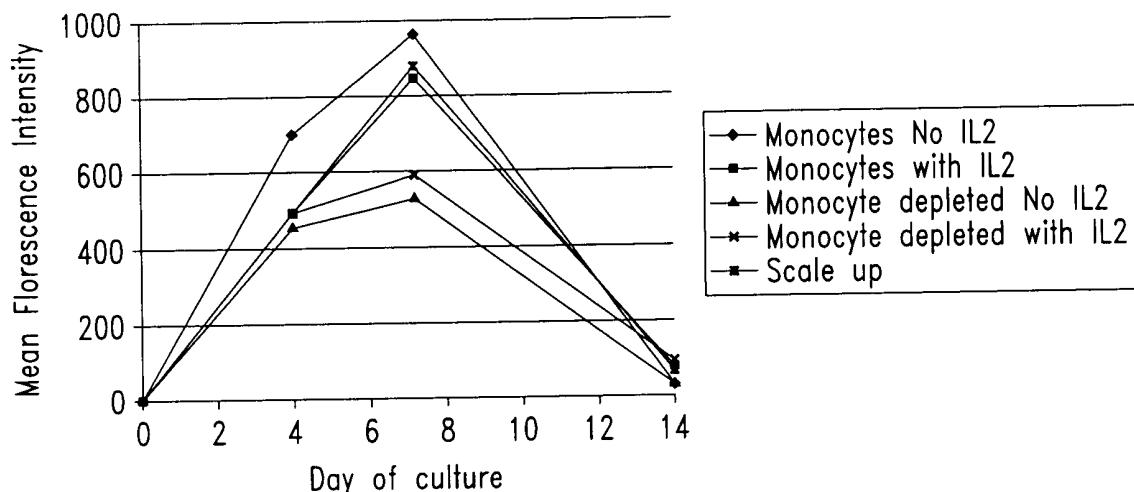


Fig. 11A

## PC006 -- CD25 Expression Over Time

CD8+ gated cells

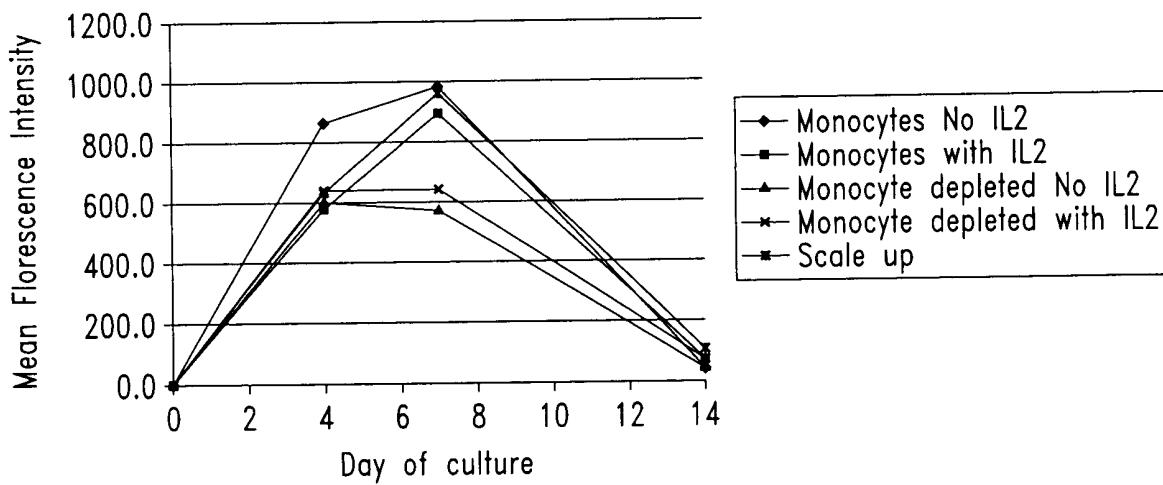


Fig. 11B

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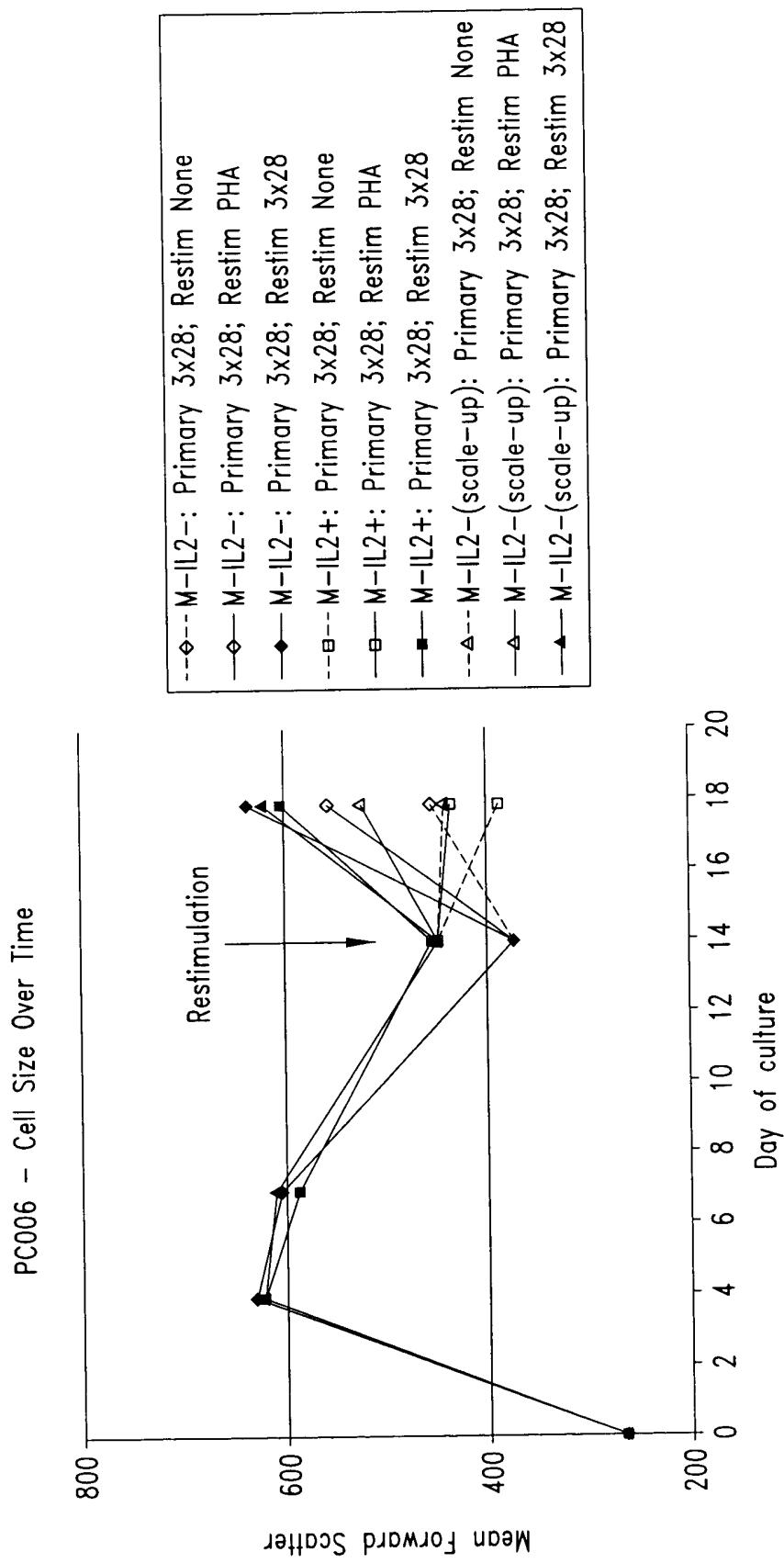


Fig. 12

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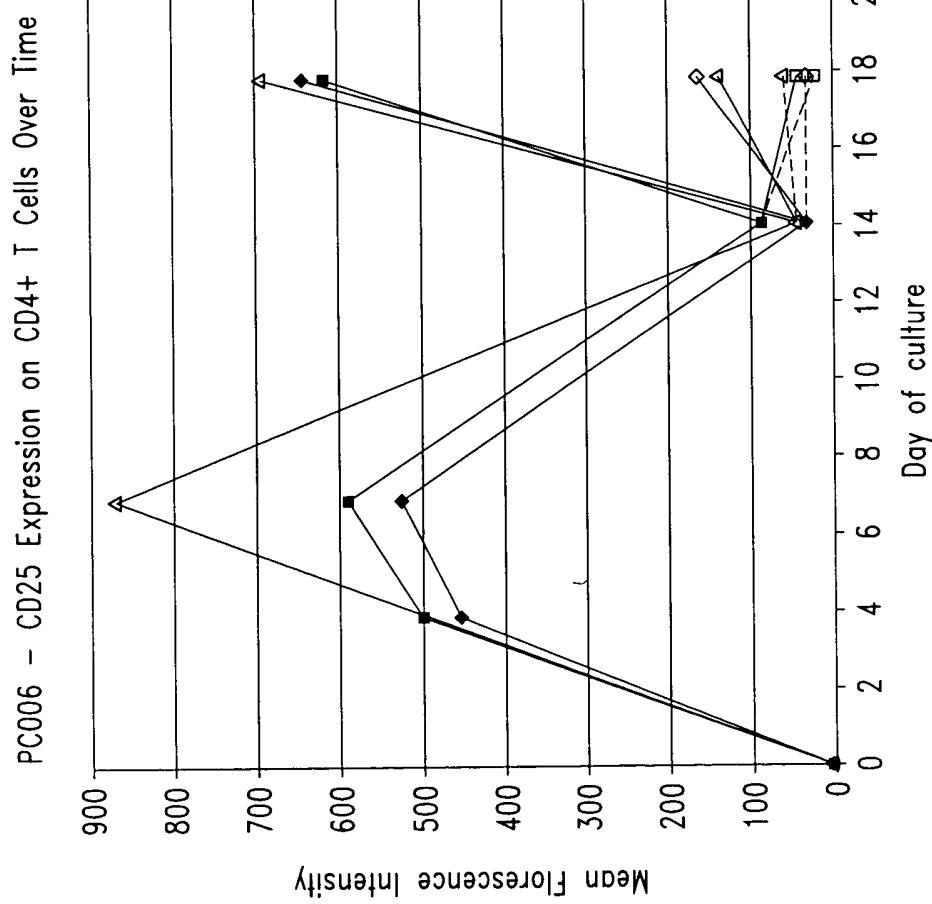


Fig. 13A

Table: SIMULTANEOUS STIMULATION AND CONCENTRATION OF CELLS

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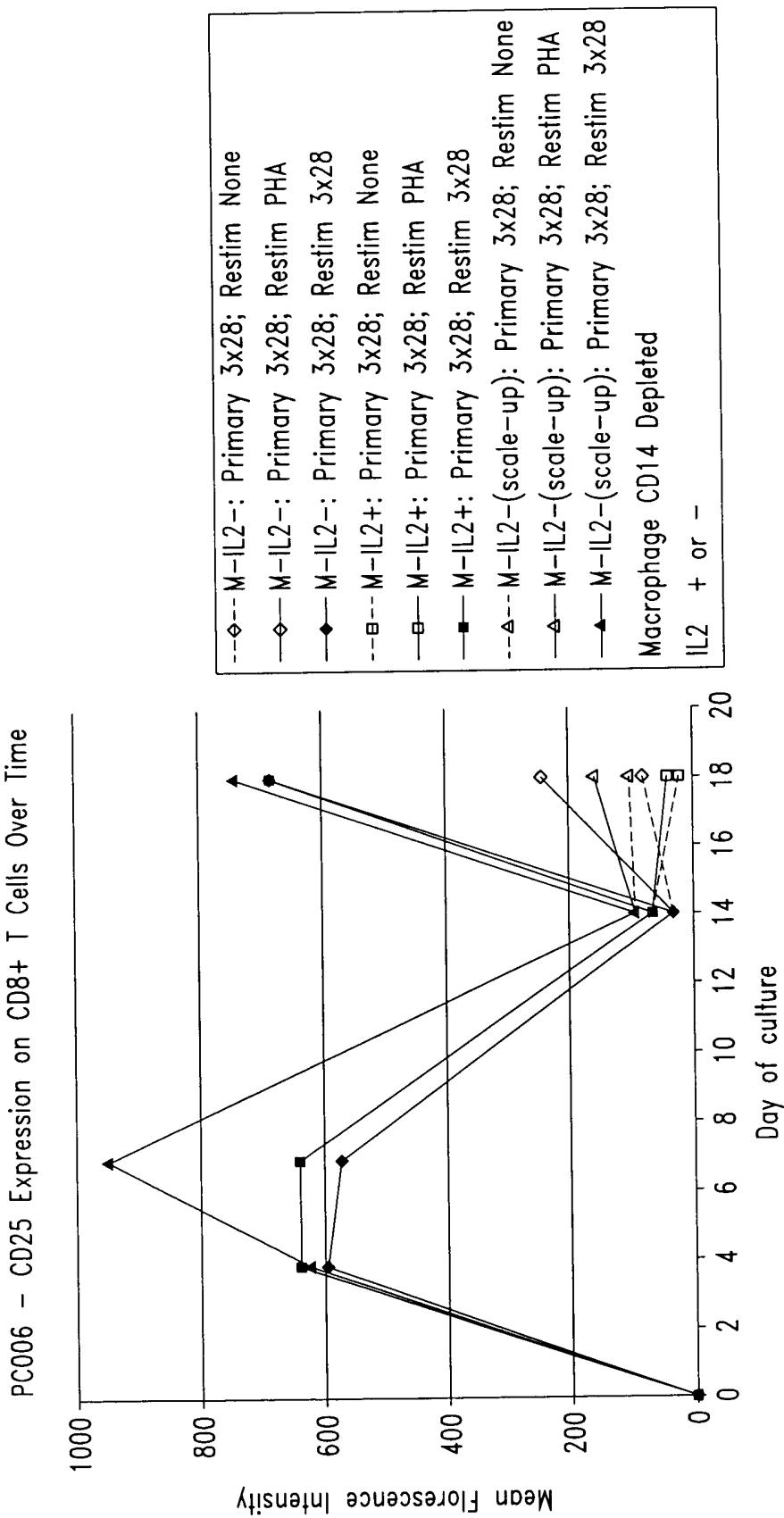


Fig. 13B

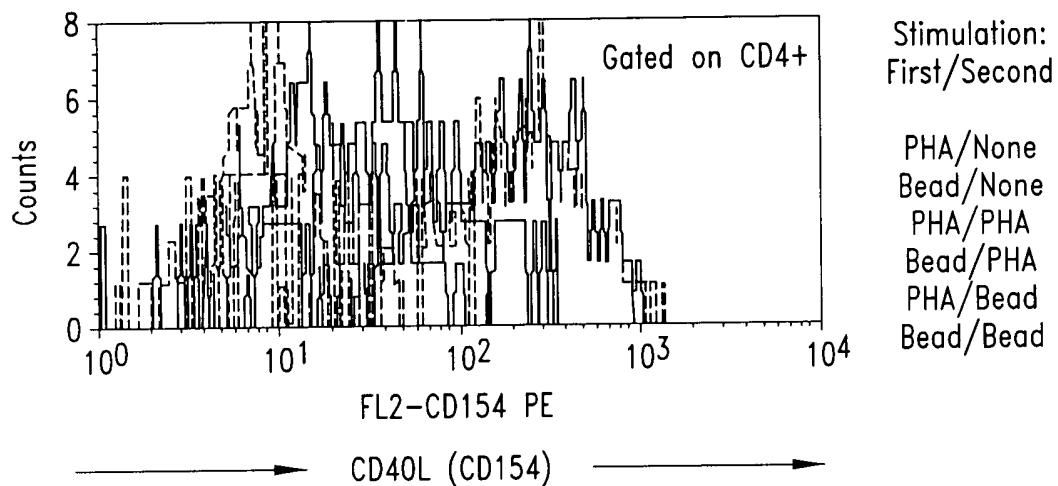


Fig. 14A

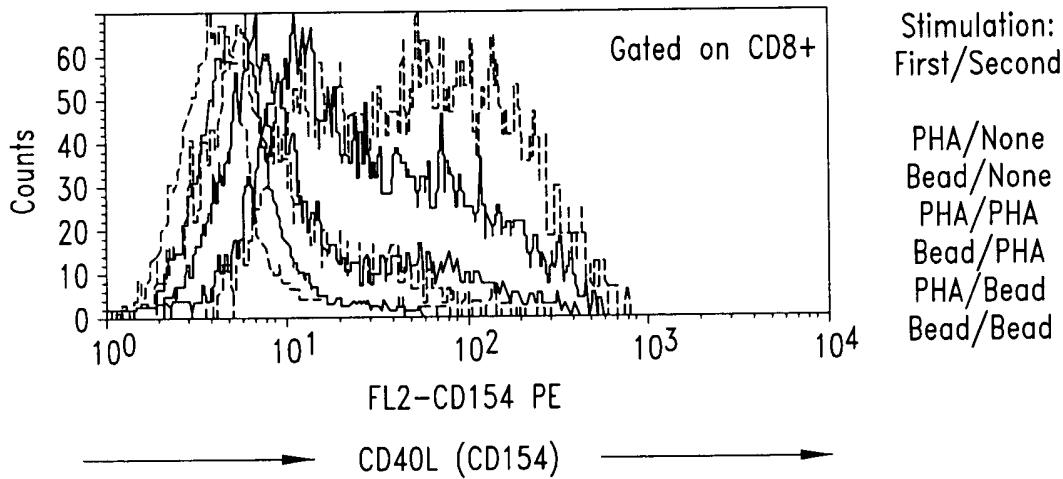
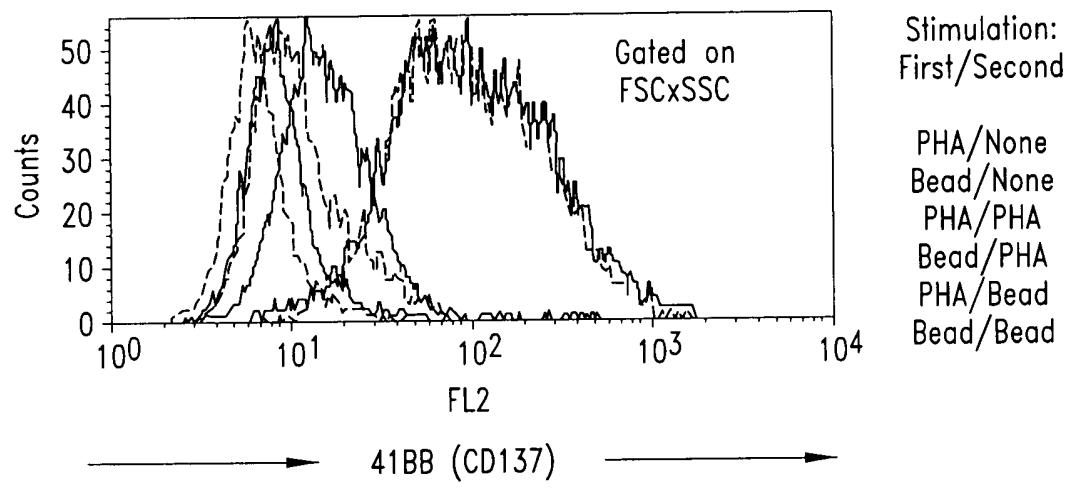


Fig. 14B



*Fig. 15*

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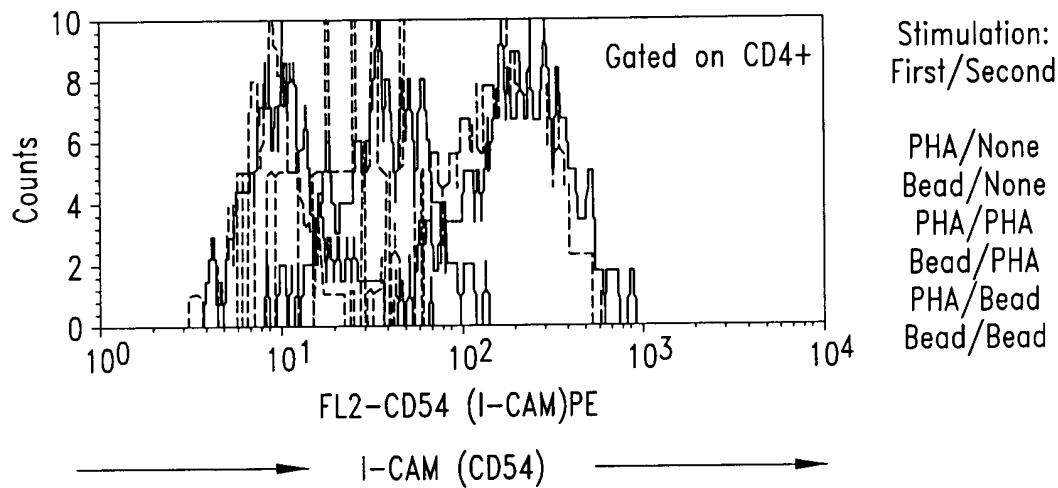


Fig. 16A

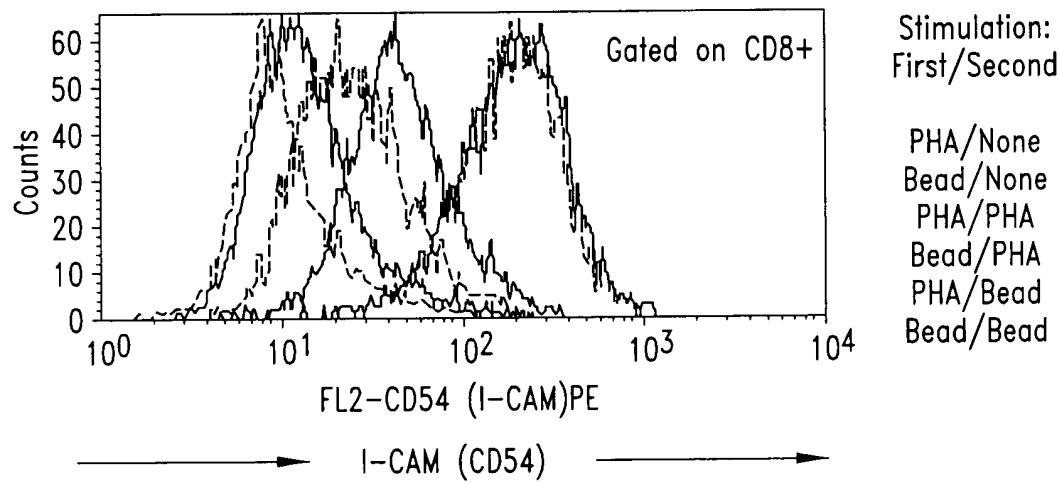


Fig. 16B

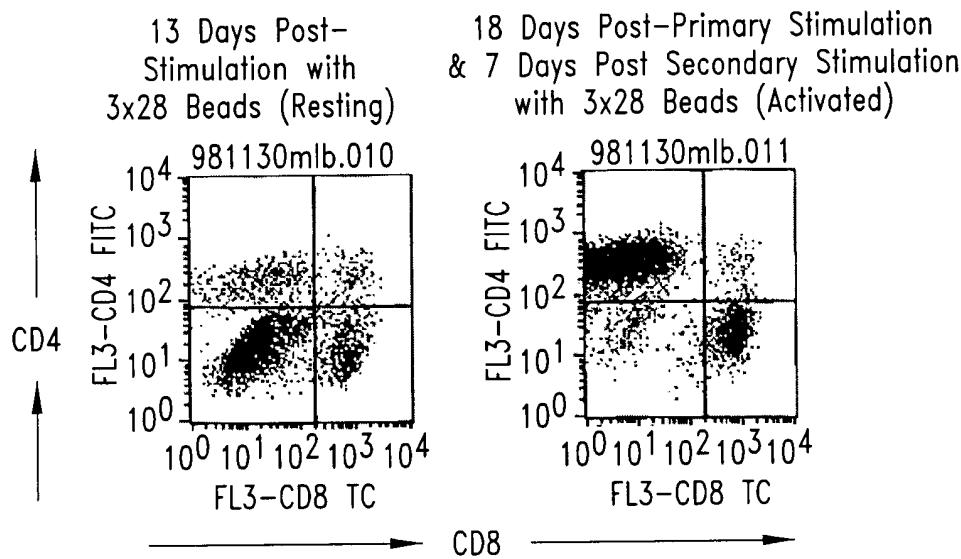


Fig. 17A

Fig. 17B

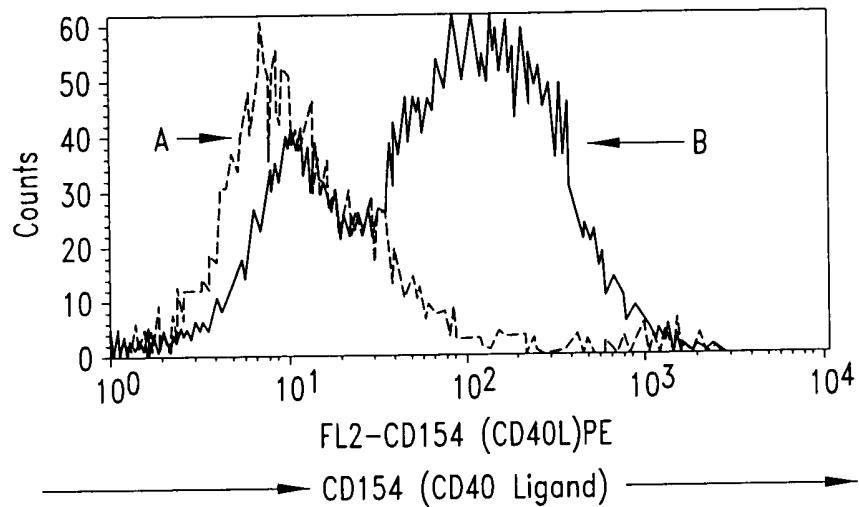


Fig. 17C

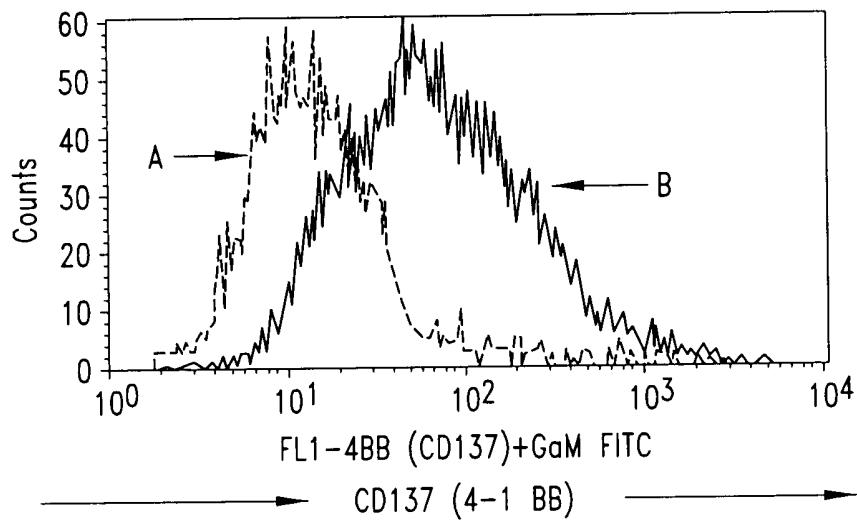


Fig. 17D

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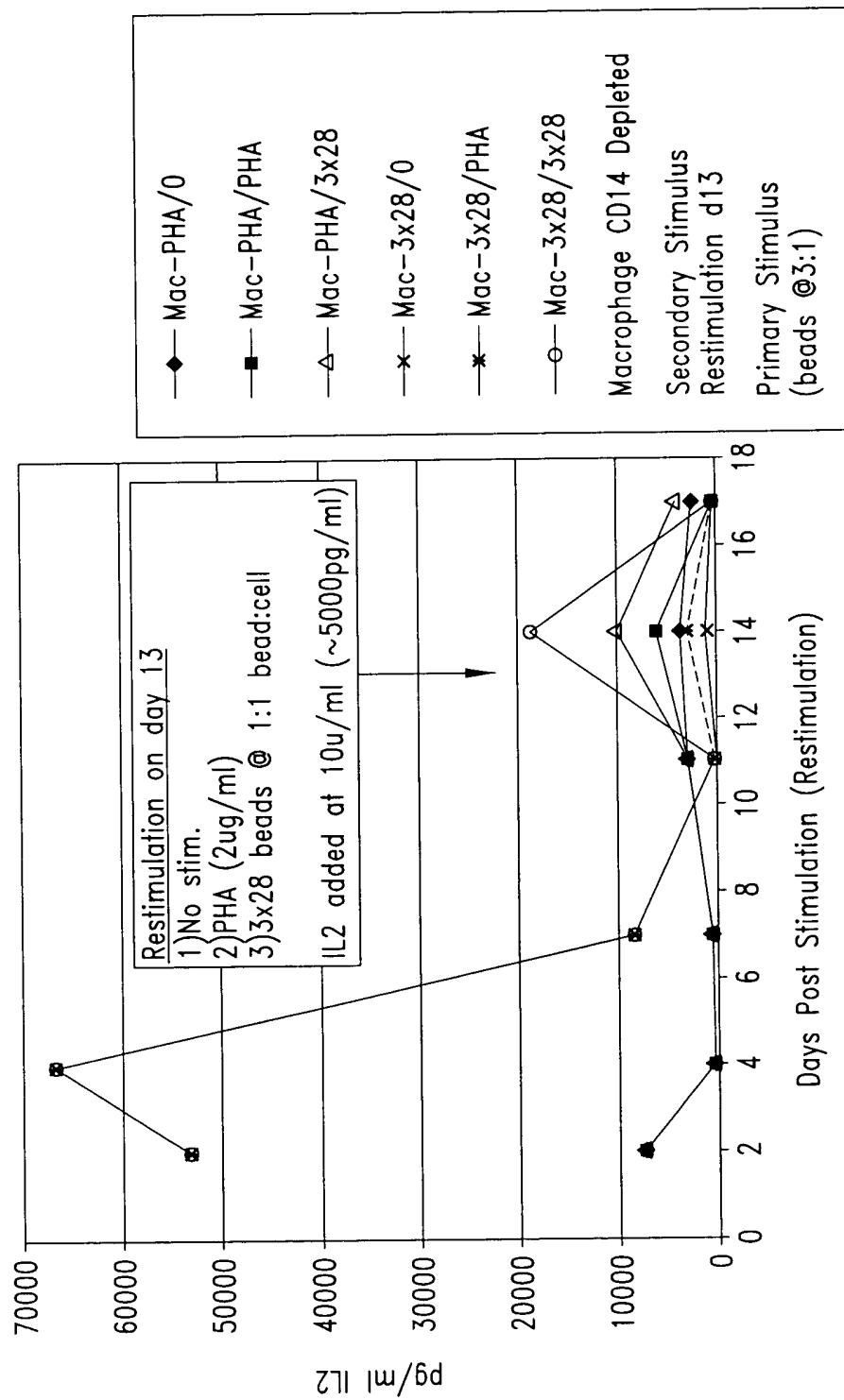


Fig. 18A

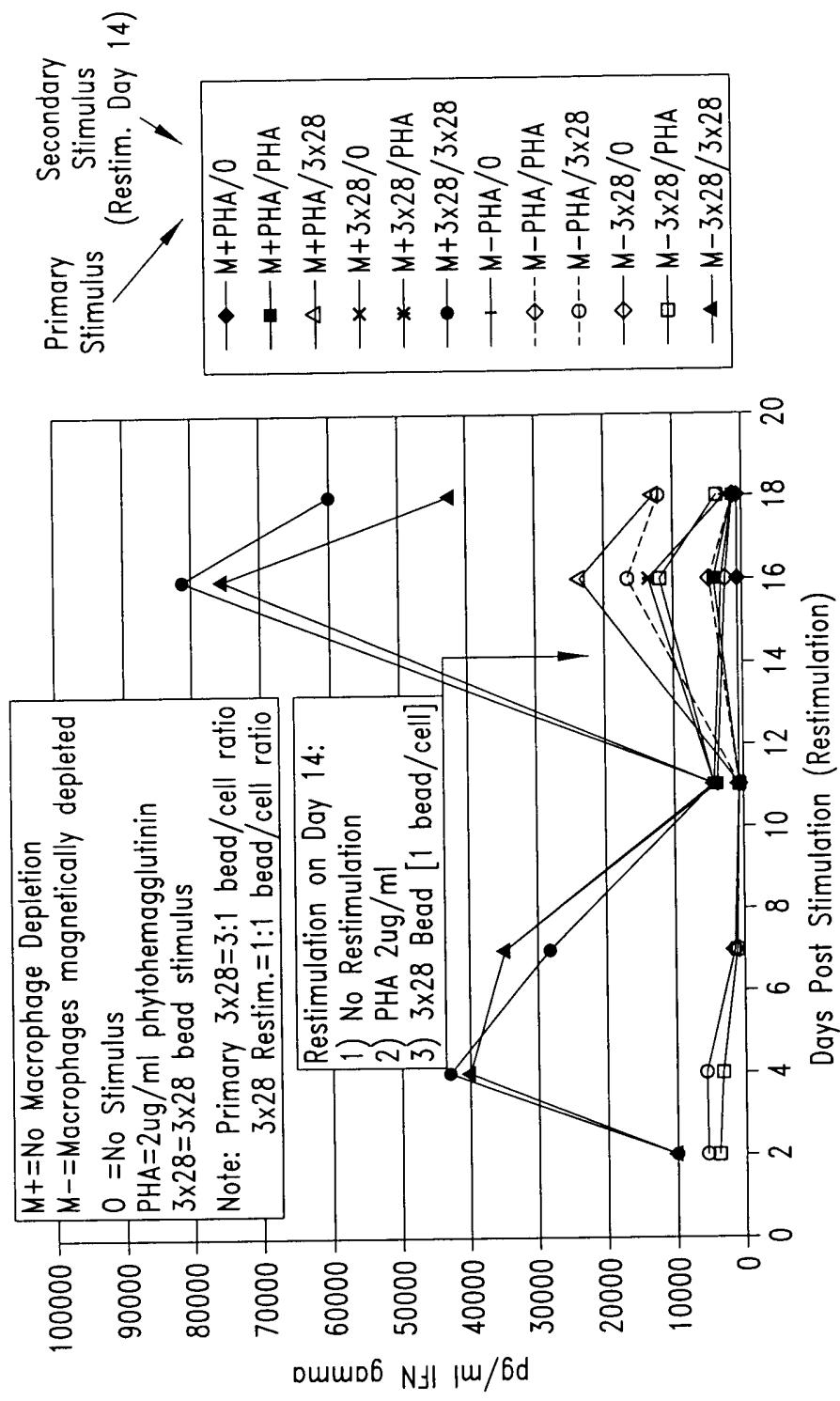


Fig. 18B

PC003: Secreted IL4 Kinetics Following Primary Stimulation and Restimulation

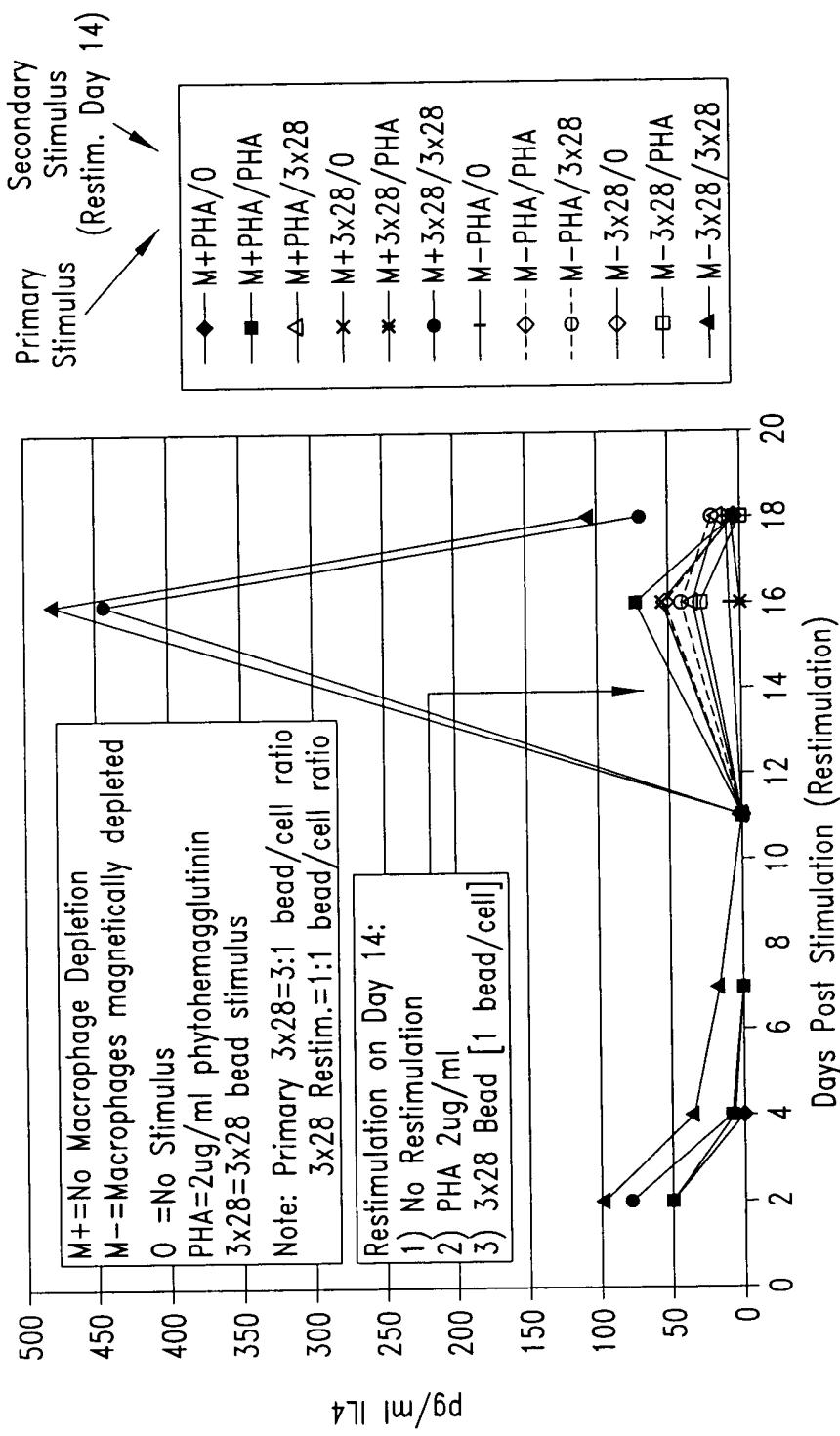


Fig. 18C

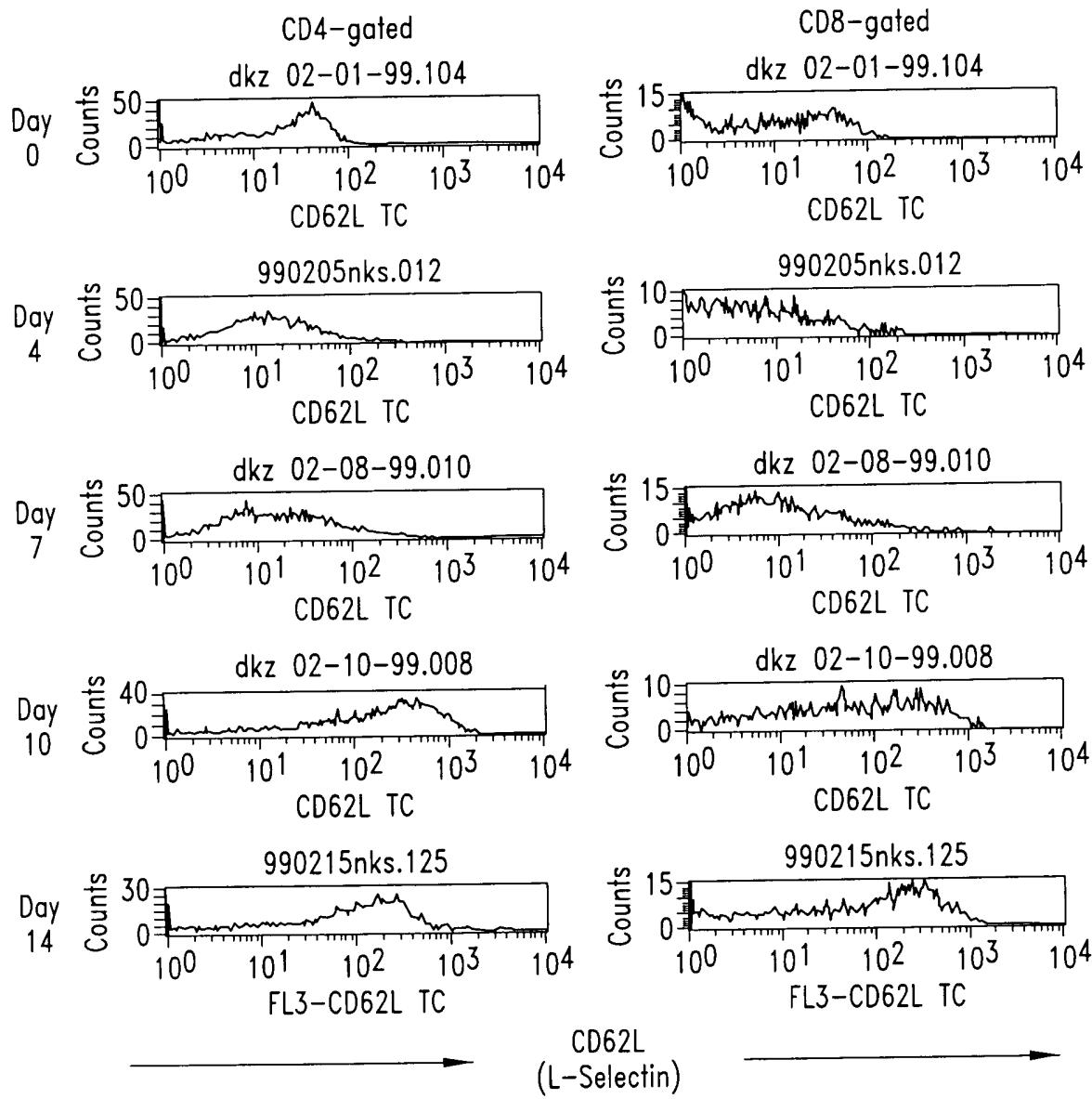


Fig. 19A

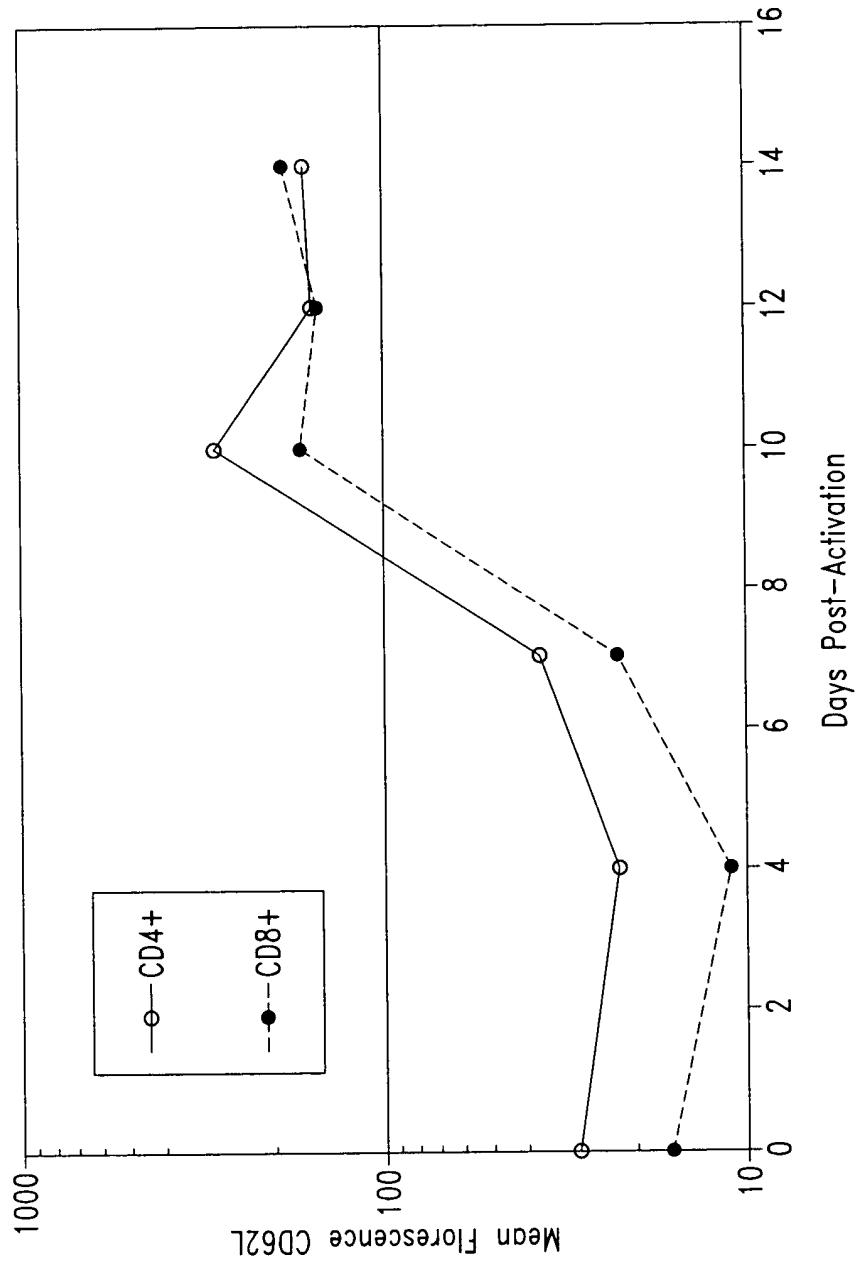


Fig. 19B

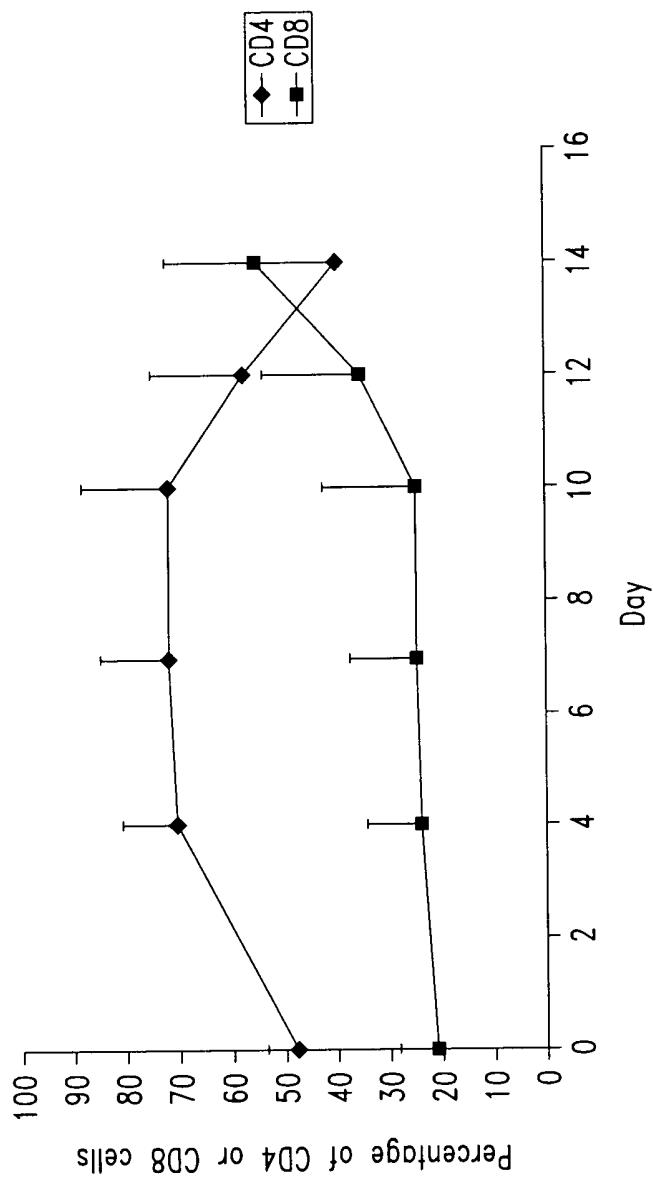


Fig. 20

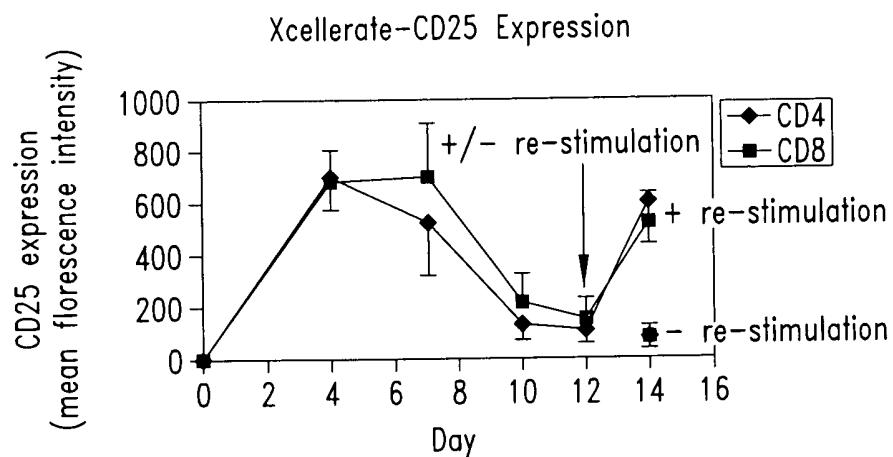


Fig. 21A

## Xcellerate-CD154 Expression

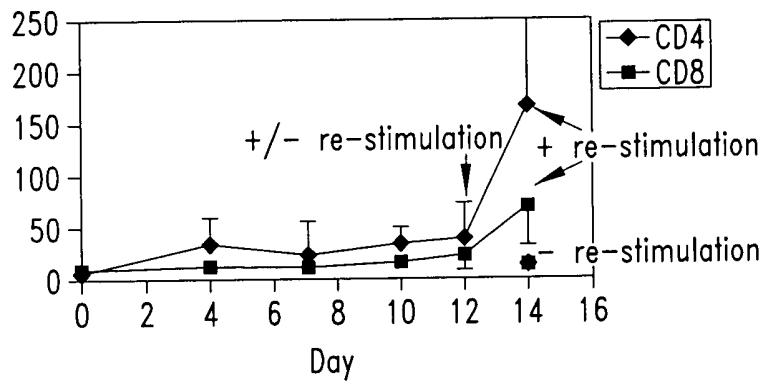
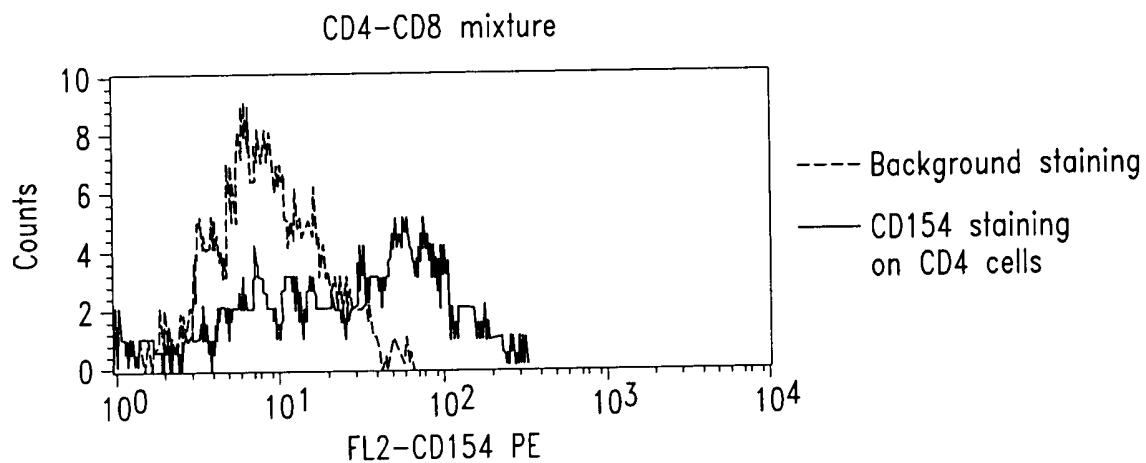
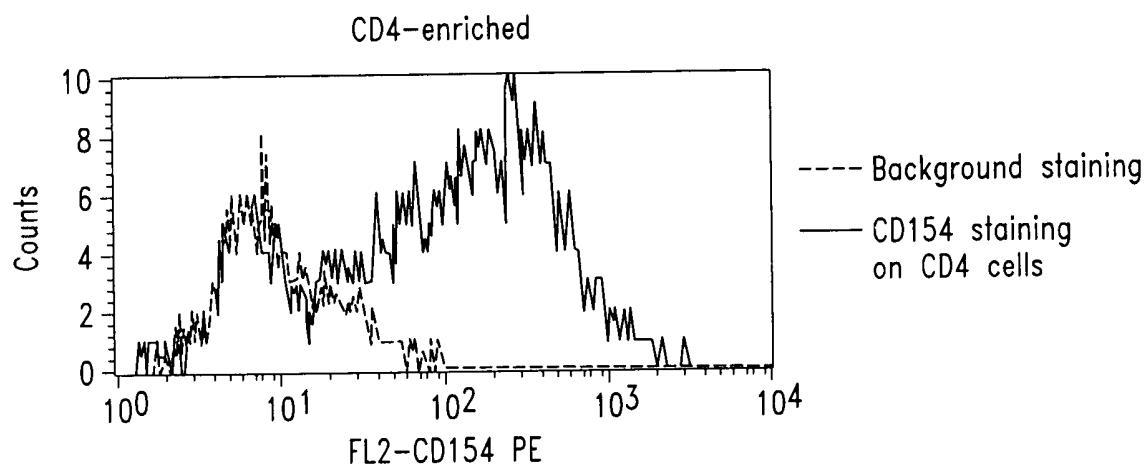


Fig. 21B



*Fig. 22A*



*Fig. 22B*

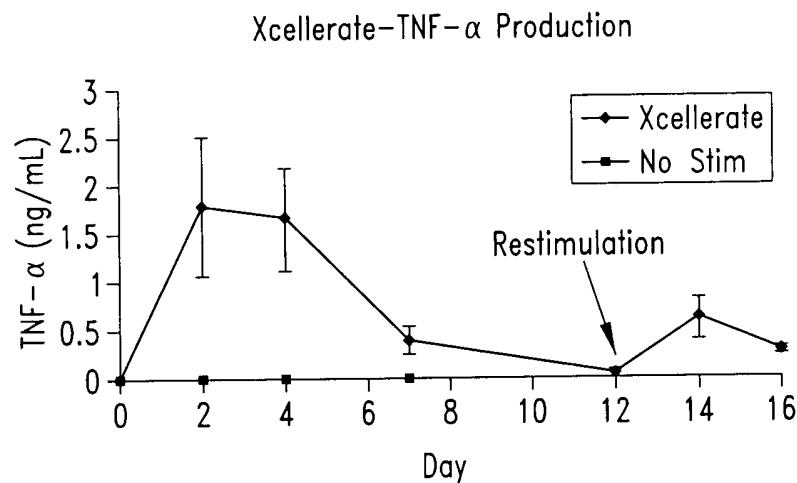


Fig. 23A

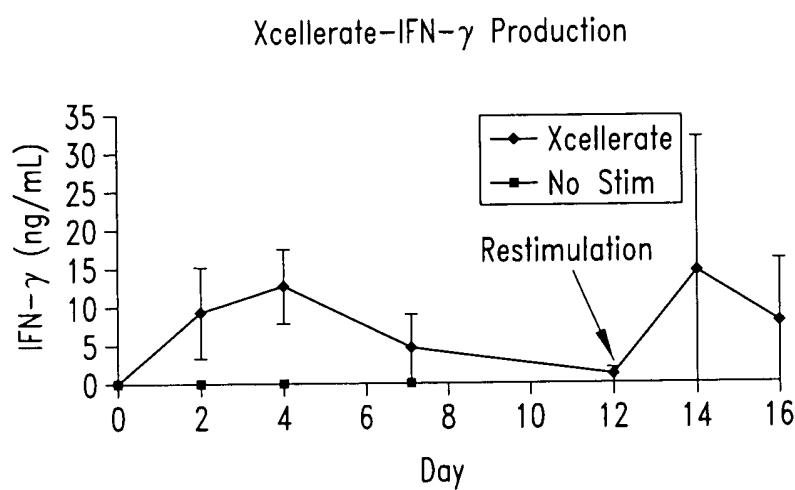


Fig. 23B

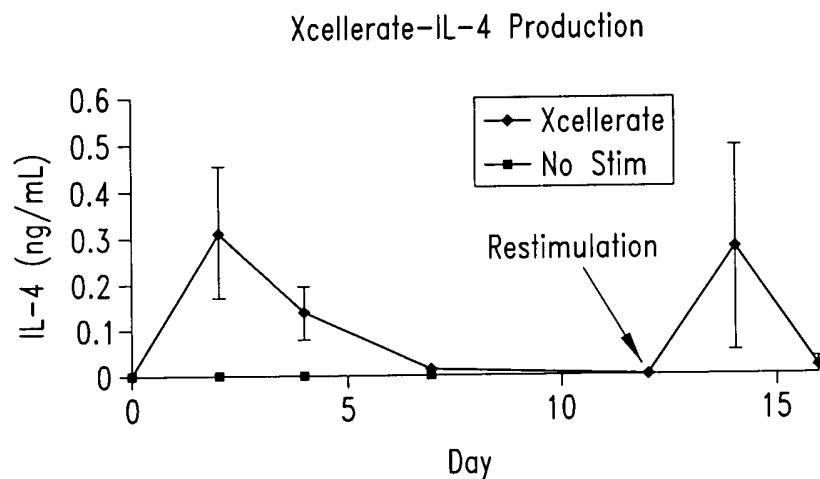


Fig. 24A

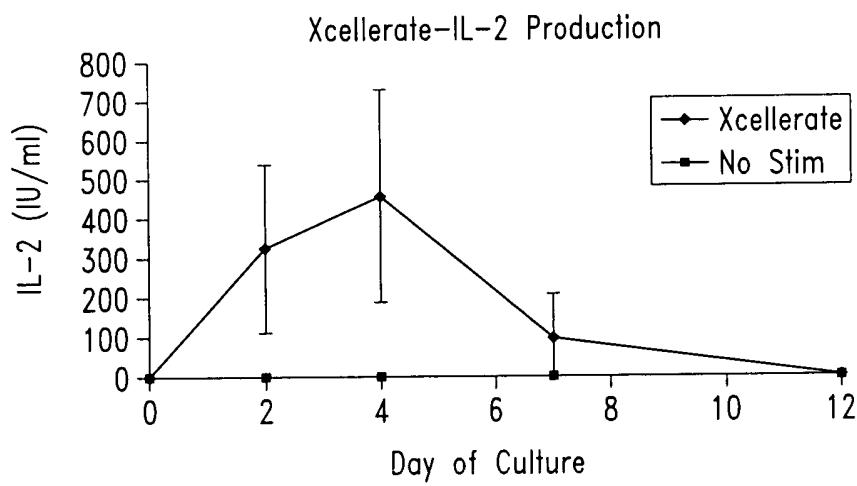


Fig. 24B

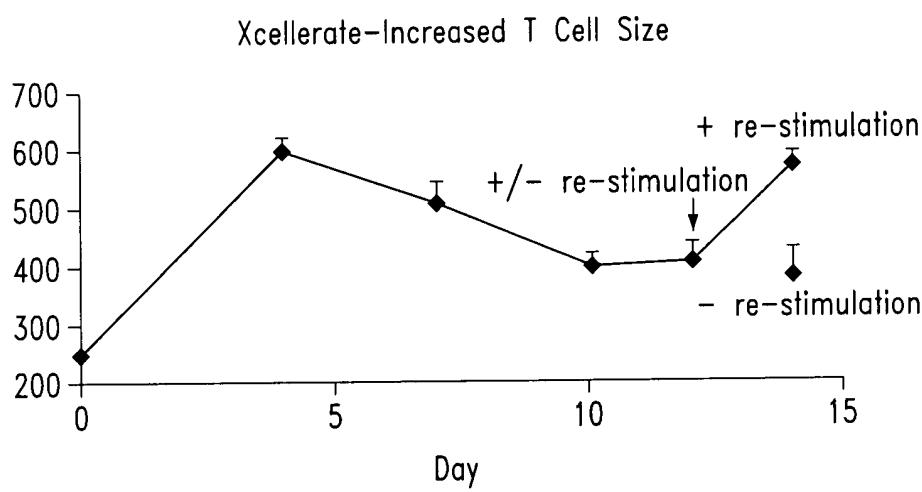
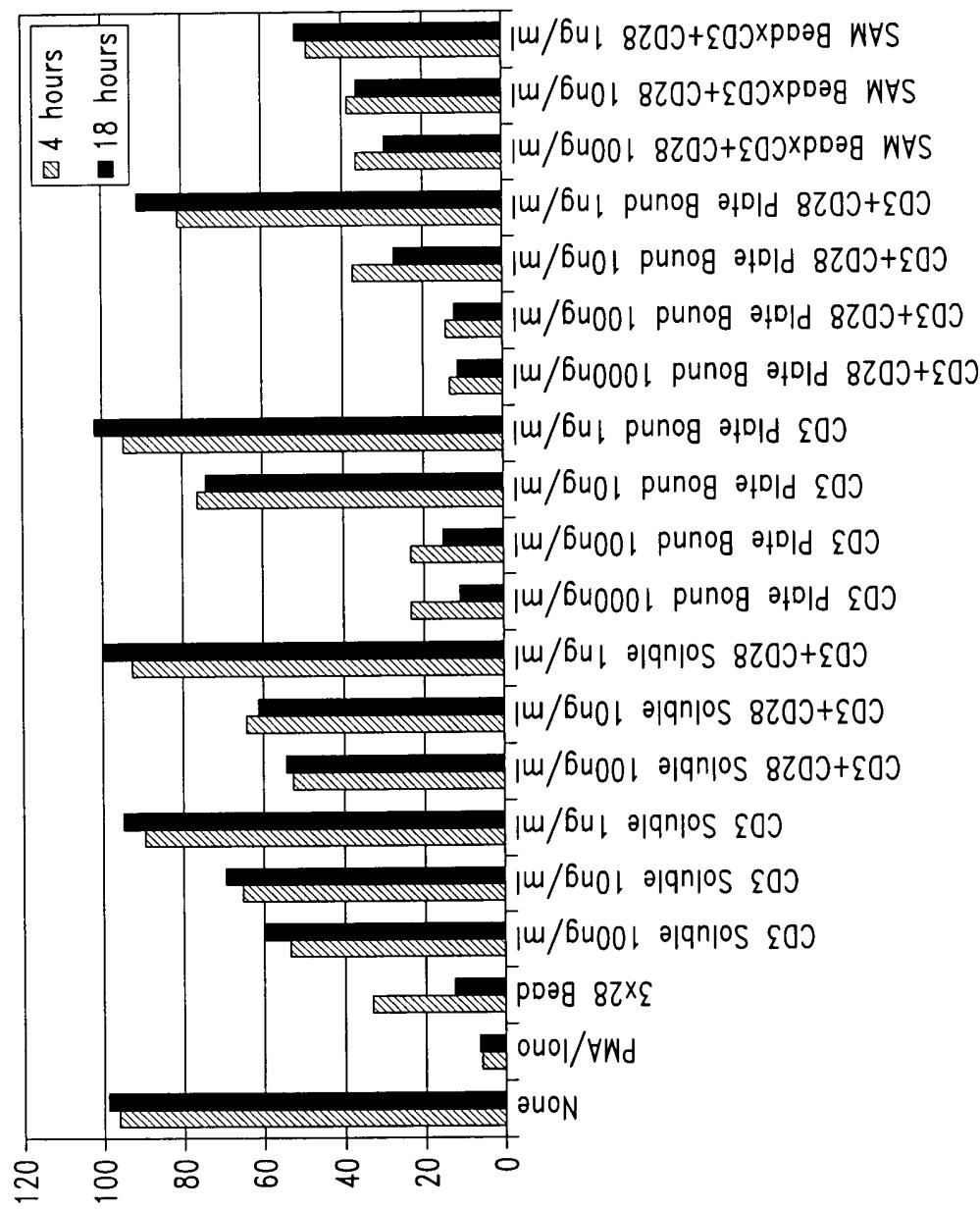
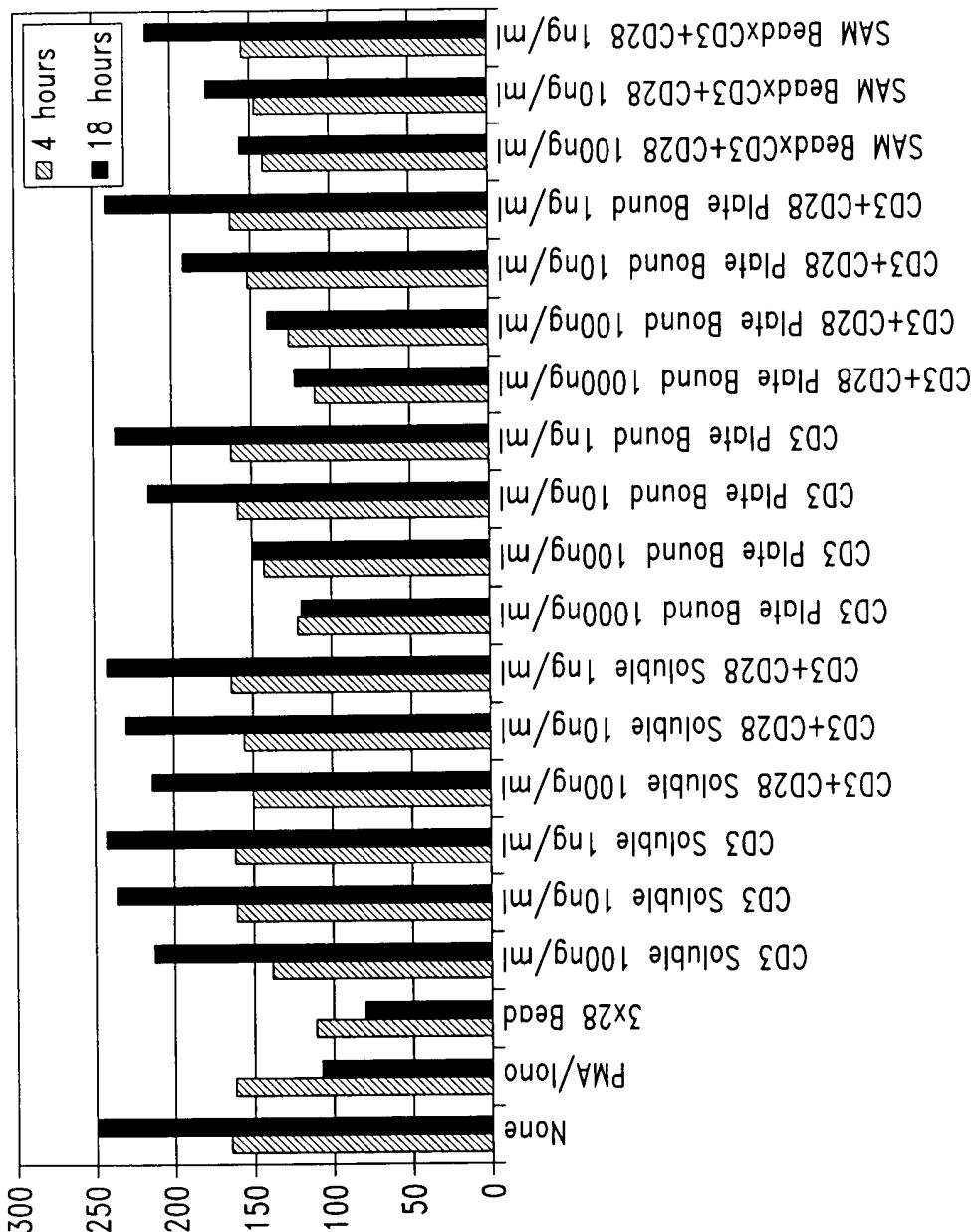


Fig. 25



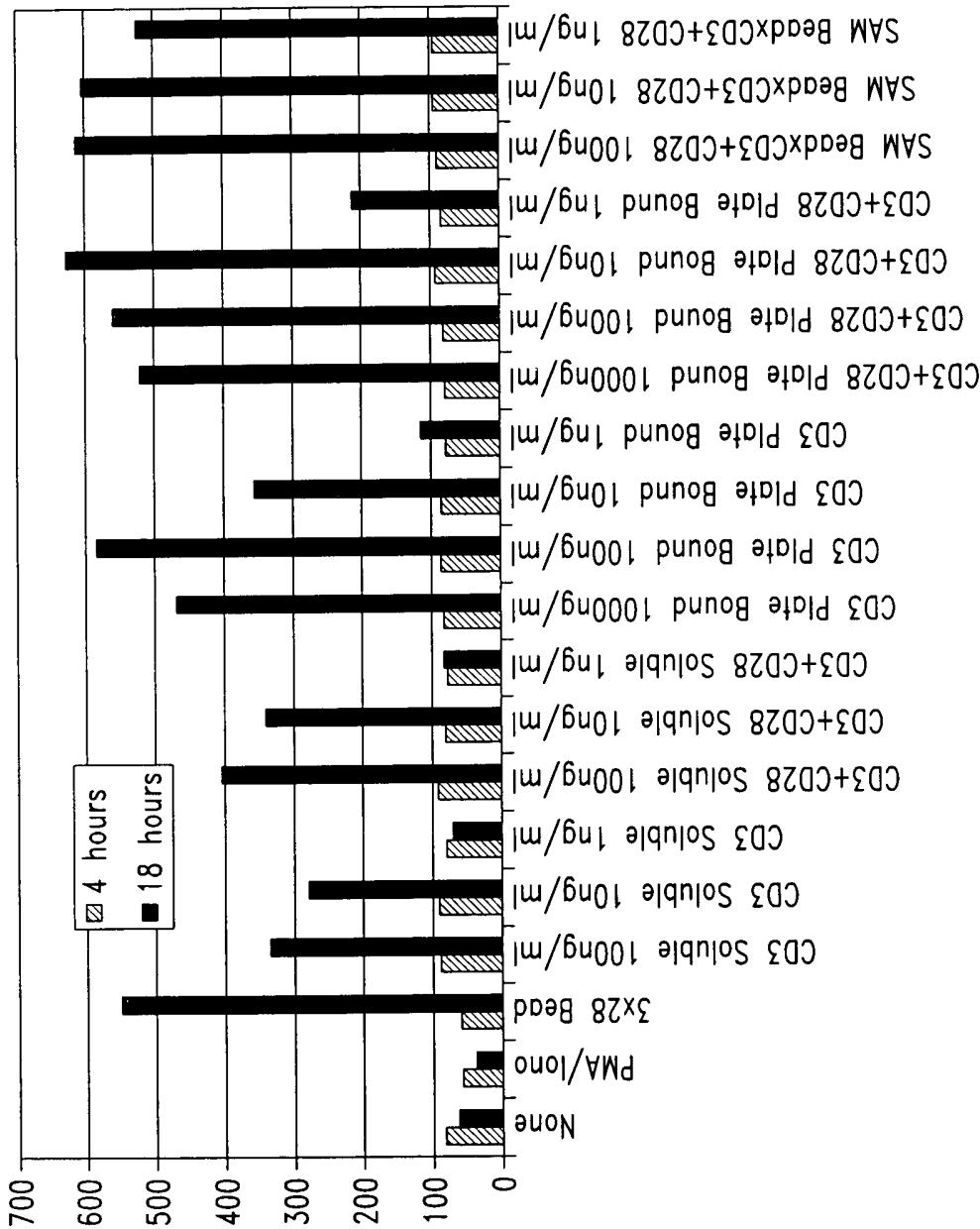
Restimulation of NDa055 (Day8):  
CD62L (L-Selectin) Expression on CD4+ T Cells

Fig. 26A



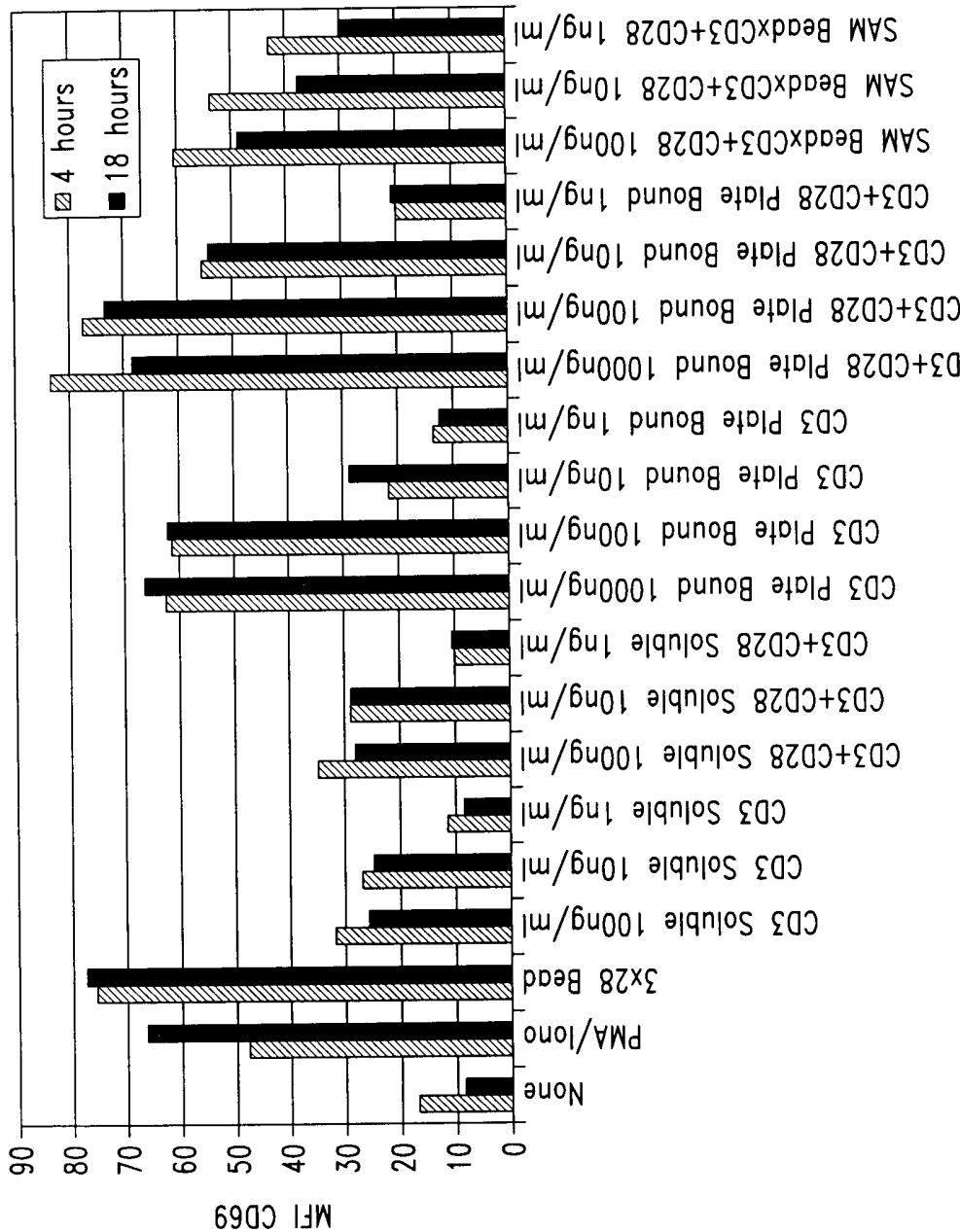
### Restimulation of NDa055 (Day8): CD49d (VLA4) Expression on CD4+ T Cells

Fig. 26B



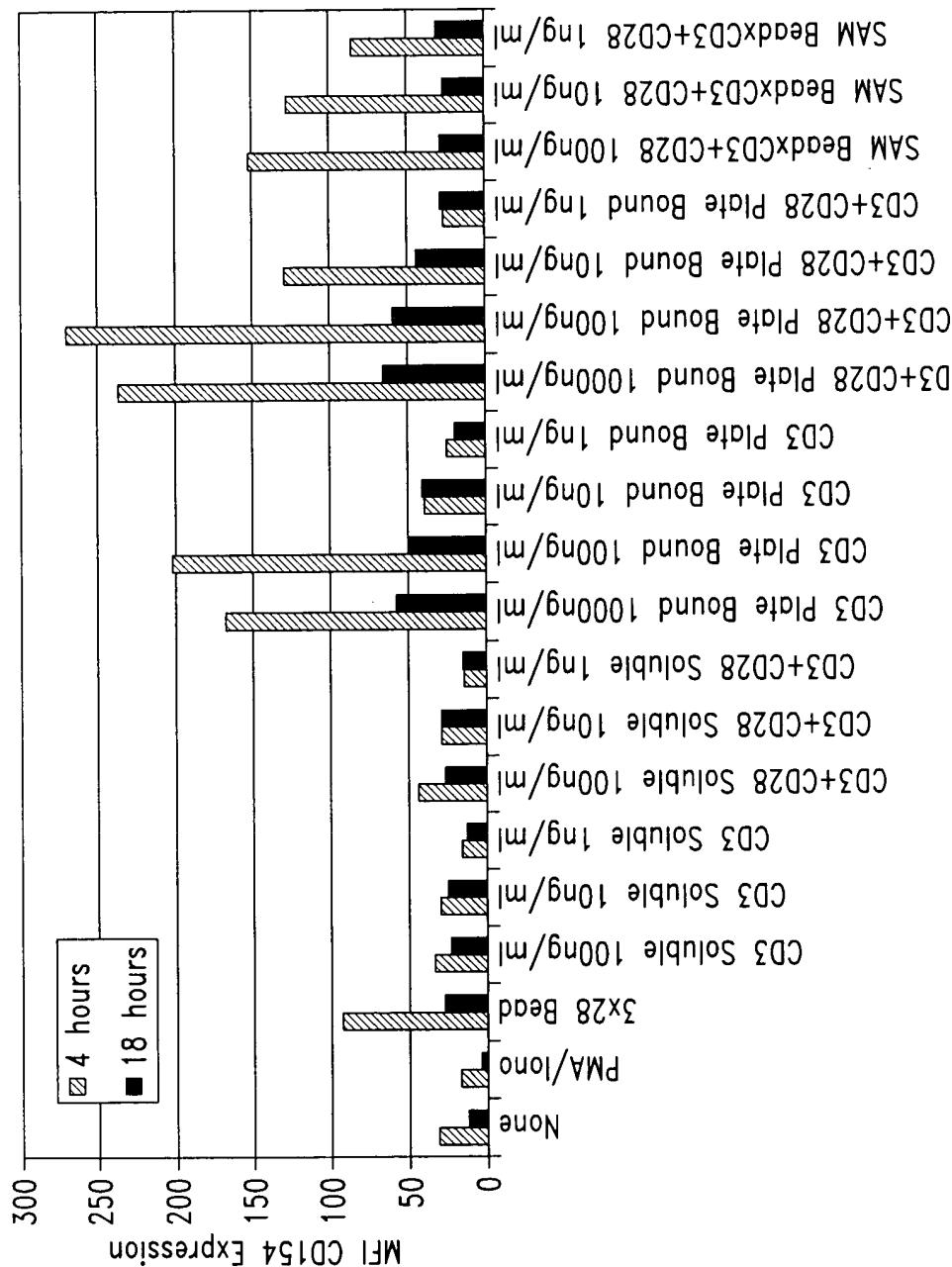
Restimulation of NDa055 (Day8):  
CD25 (IL2-R) Expression on CD4+ T Cells

Fig. 26C



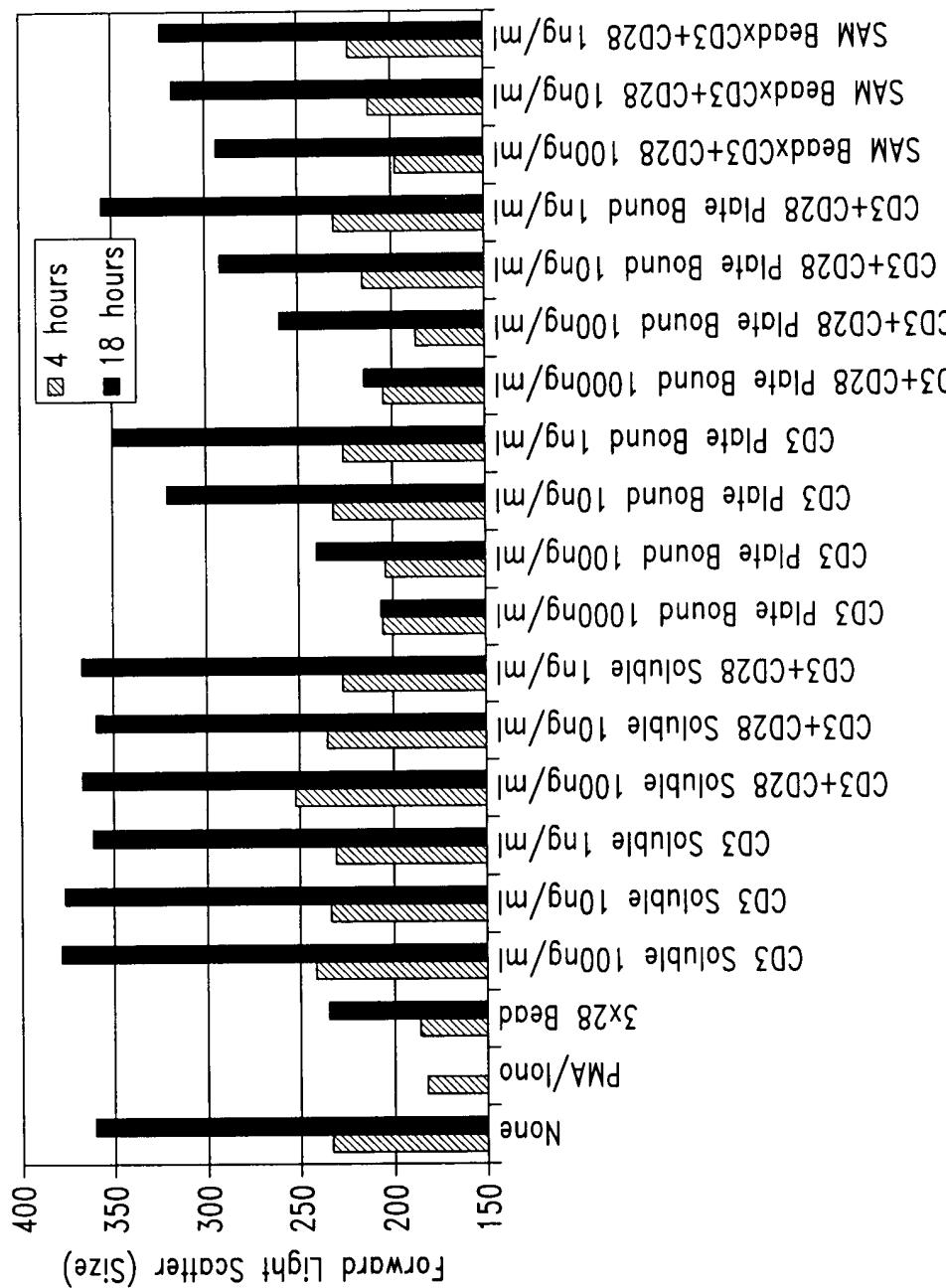
## Restimulation of NDa055 (Day8): CD69 Expression on CD4+ T Cells

Fig. 26D



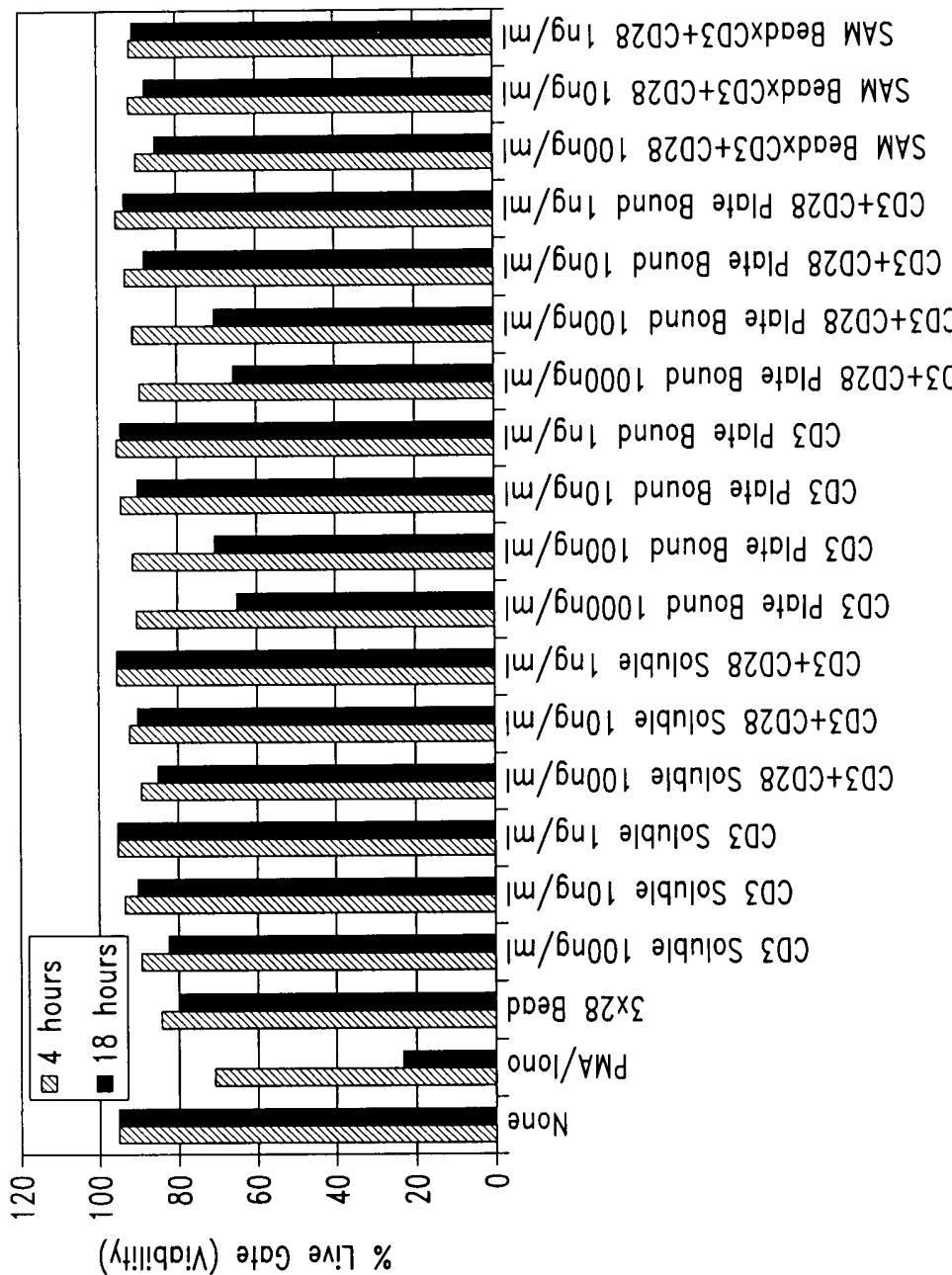
### Restimulation of NDa055 (Day8): CD154 (CD40L) Expression on CD4+ T Cells

Fig. 26E



## Restimulation of NDa055 (Day8): Forward Light Scatter (Size)

Fig. 26F



## Restimulation of NDa055 (Day8): Live Gate (Viability)

Fig. 26G

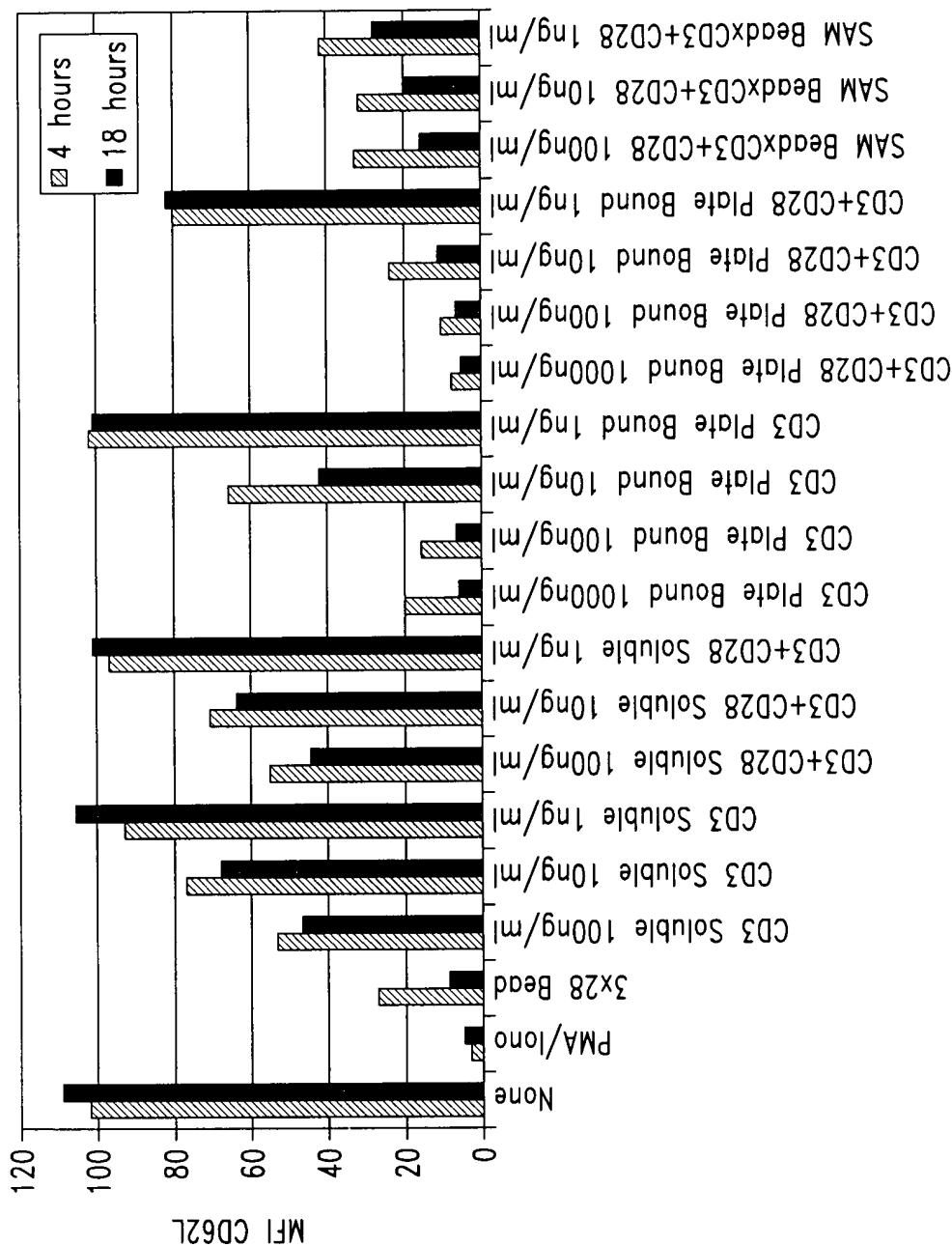
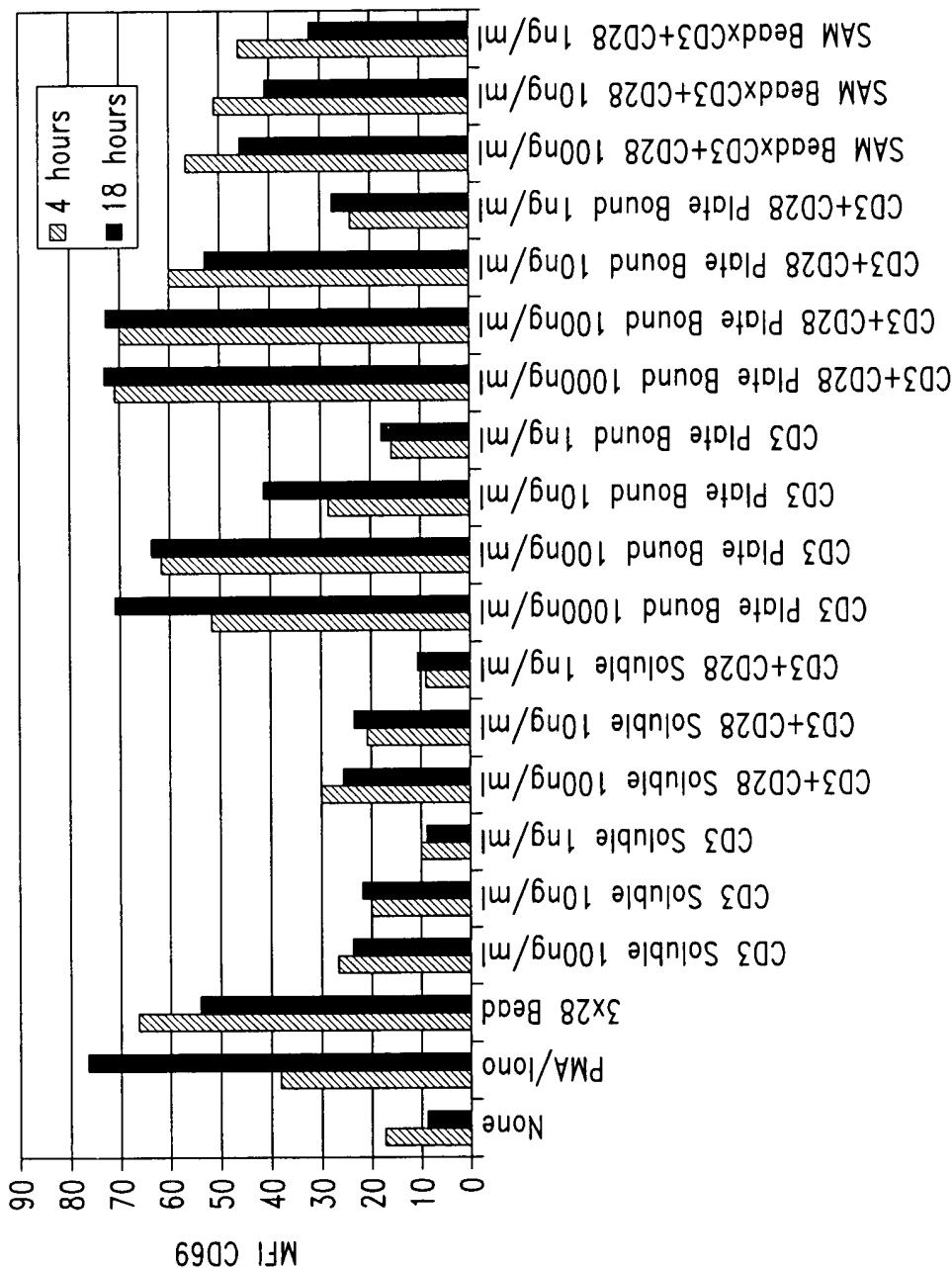


Fig. 26H

Fig. 269



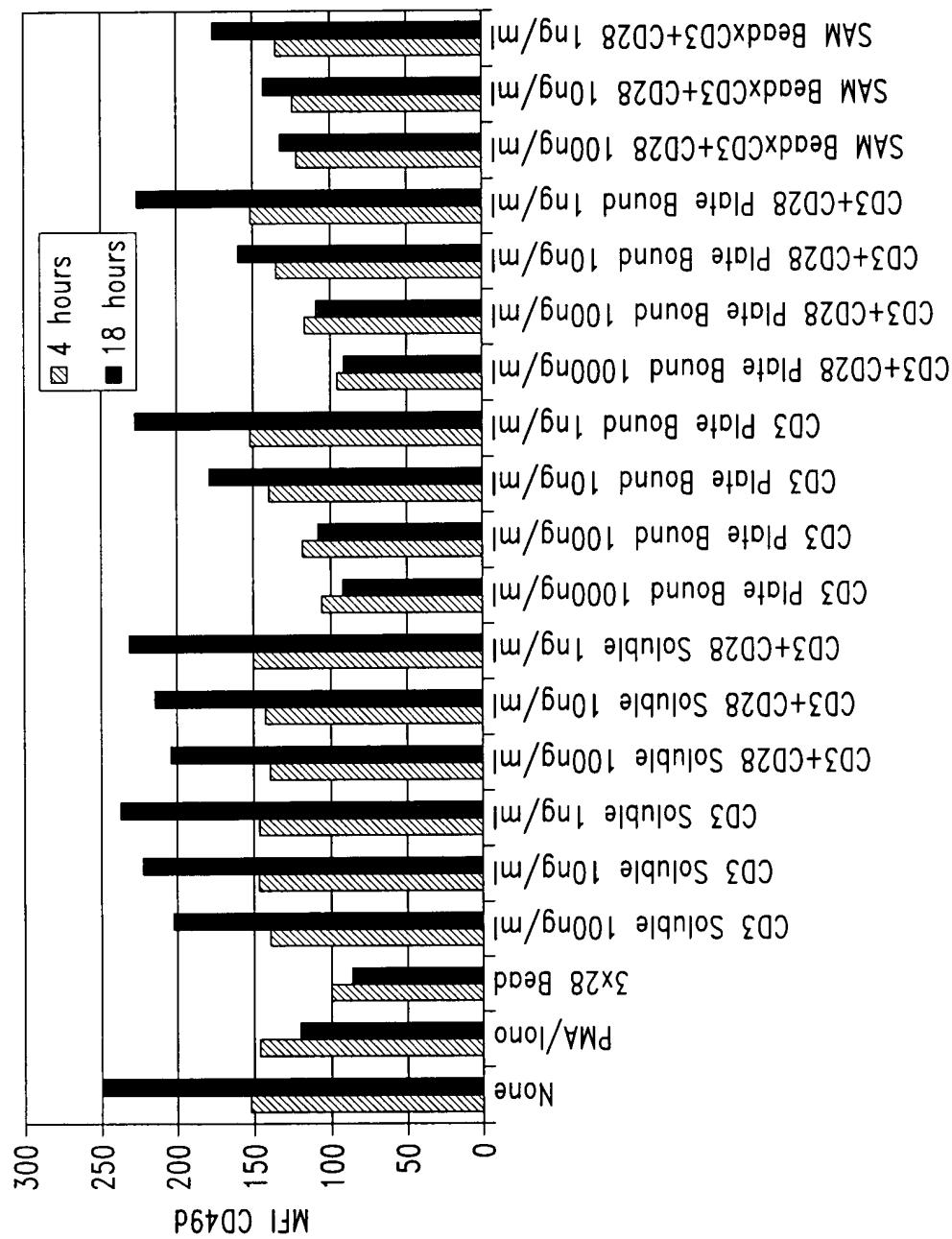


Fig. 26J

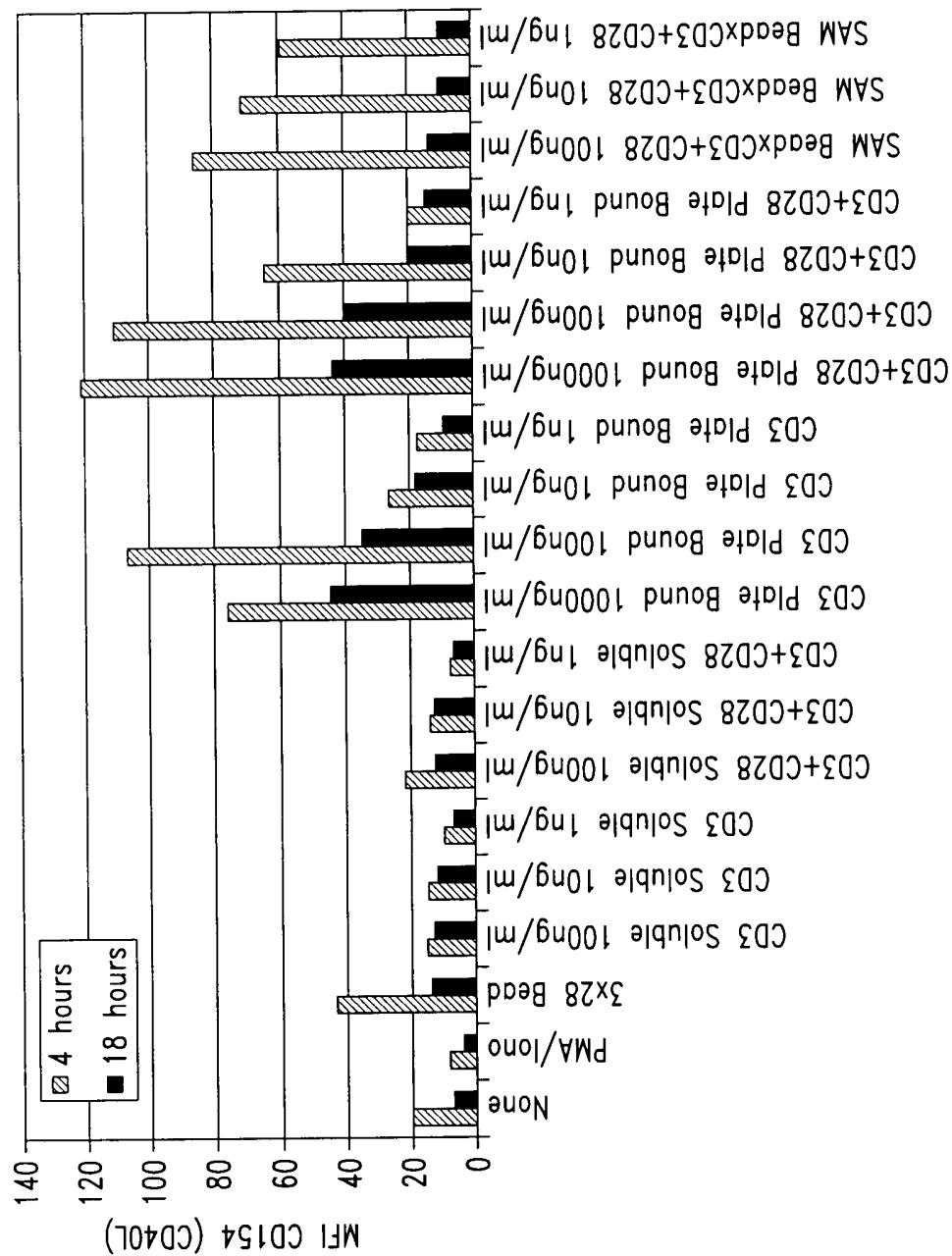


Fig. 26K

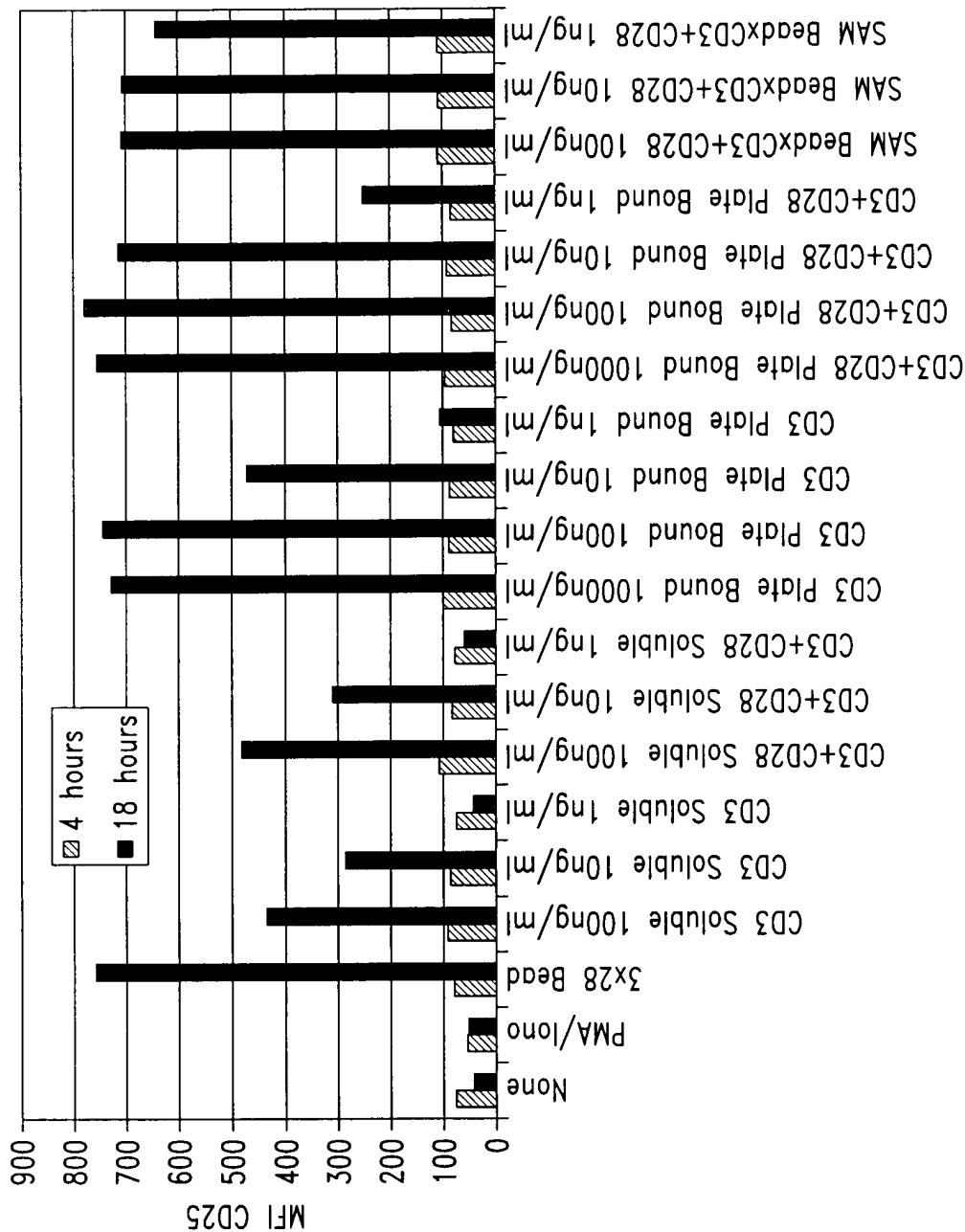


Fig. 26L